

## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	-4.67	-5.11	/	<=8	Pass
		2437	/	/	-5.39	-4.68	/	<=8	Pass
		2462	/	/	-4.28	-5.28	/	<=8	Pass
802.11g	SISO	2412	/	/	-9.45	-10.21	/	<=8	Pass
		2437	/	/	-9.68	-7.87	/	<=8	Pass
		2462	/	/	-8.19	-9.58	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-9.71	-10.29	-7.86	<=8	Pass
		2437	/	/	-10.31	-9.84	-8.02	<=8	Pass
		2462	/	/	-9.61	-10.03	-6.94	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-12.01	-12.48	-10.22	<=8	Pass
		2437	/	/	-13.39	-13.05	-10.60	<=8	Pass
		2452	/	/	-10.87	-12.81	-9.59	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	-10.94	-9.36	-8.33	<=8	Pass
		2437	RU242	Left	-11.81	-11.54	-9.33	<=8	Pass
		2462	RU242	Left	-10.57	-11.59	-8.96	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	-13.19	-13.74	-10.85	<=8	Pass
		2437	RU484	Left	-13.60	-13.36	-10.91	<=8	Pass
		2452	RU484	Left	-13.22	-12.51	-10.89	<=8	Pass

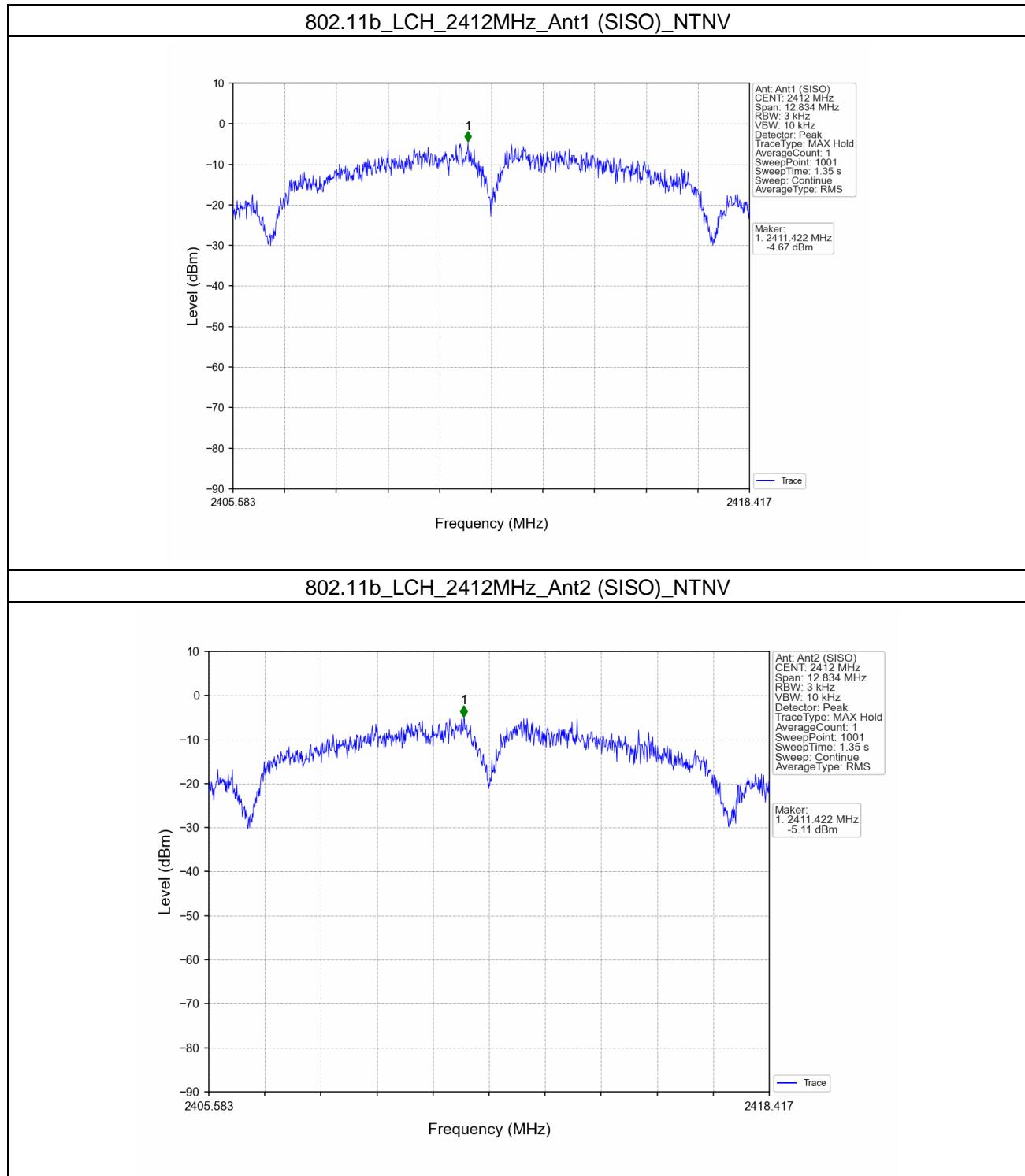
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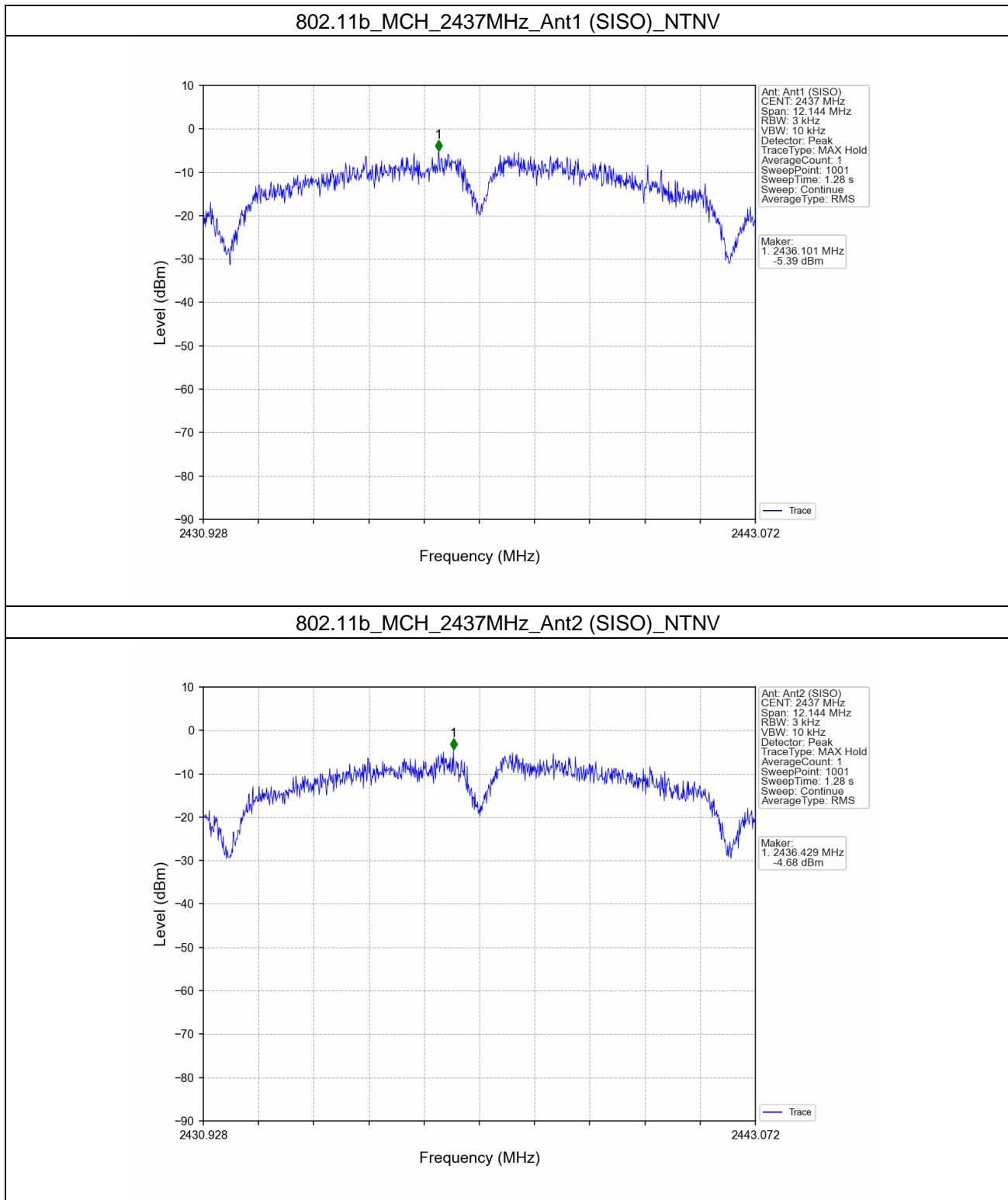
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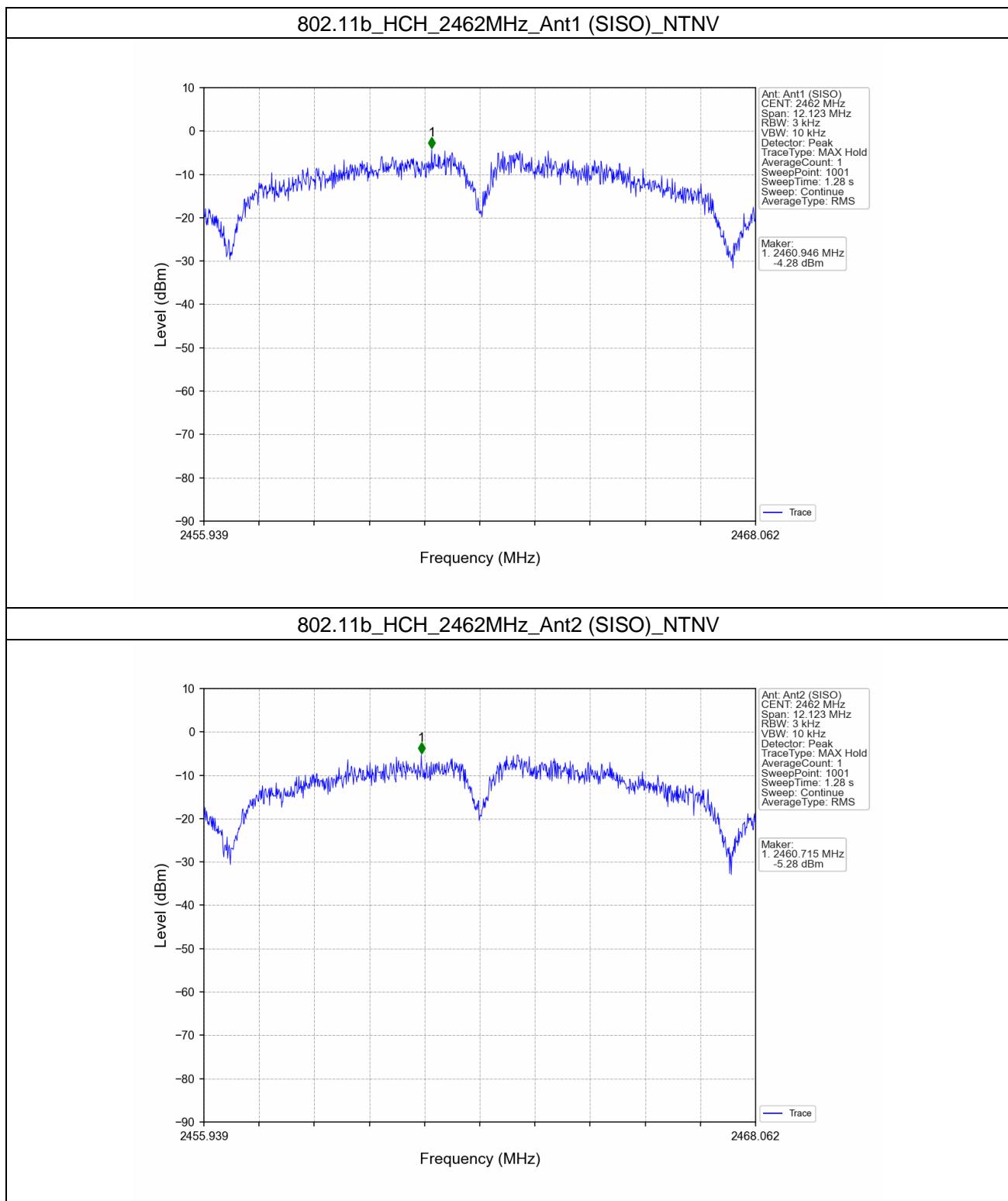
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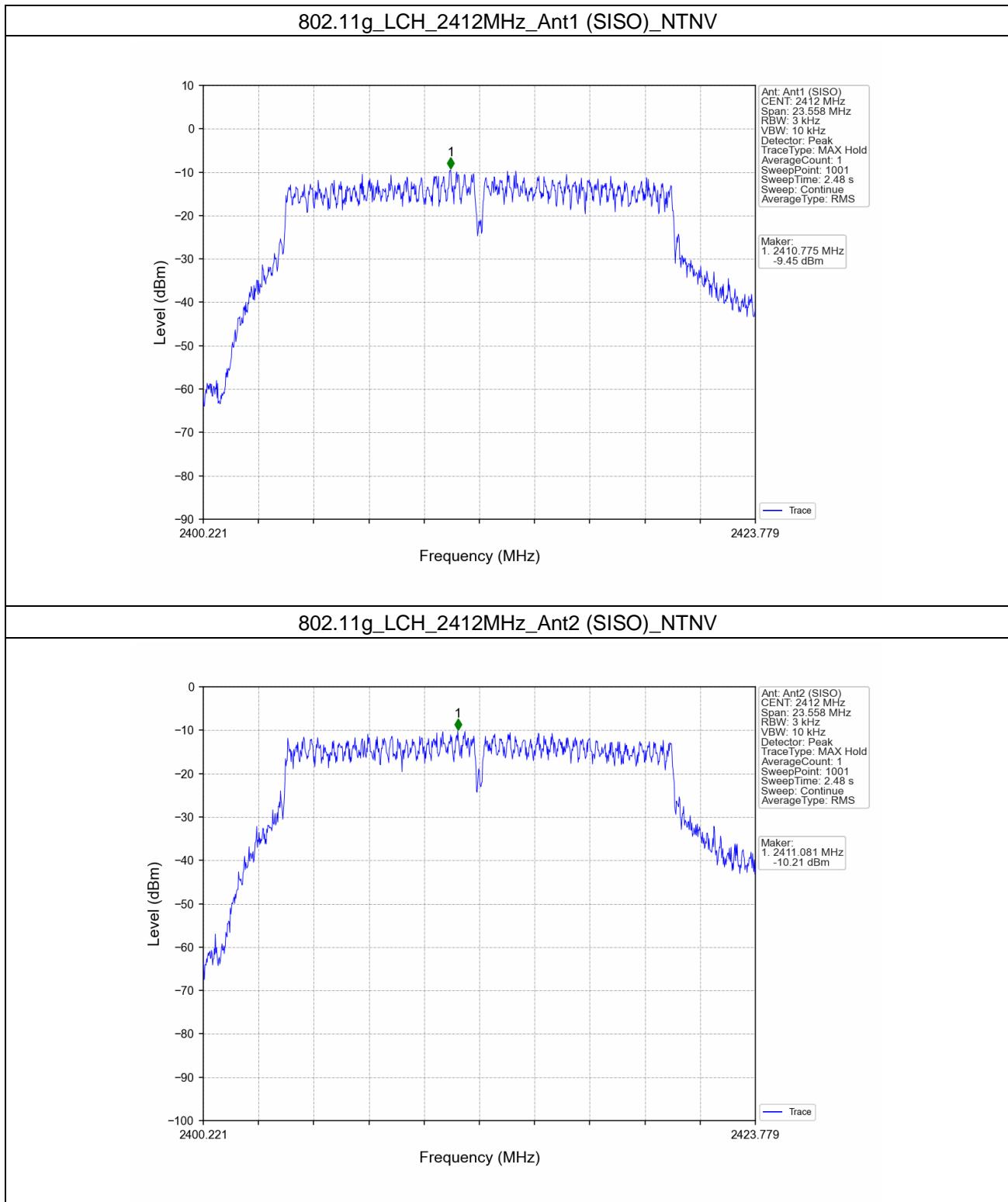
**4.1.2 Test Graph**



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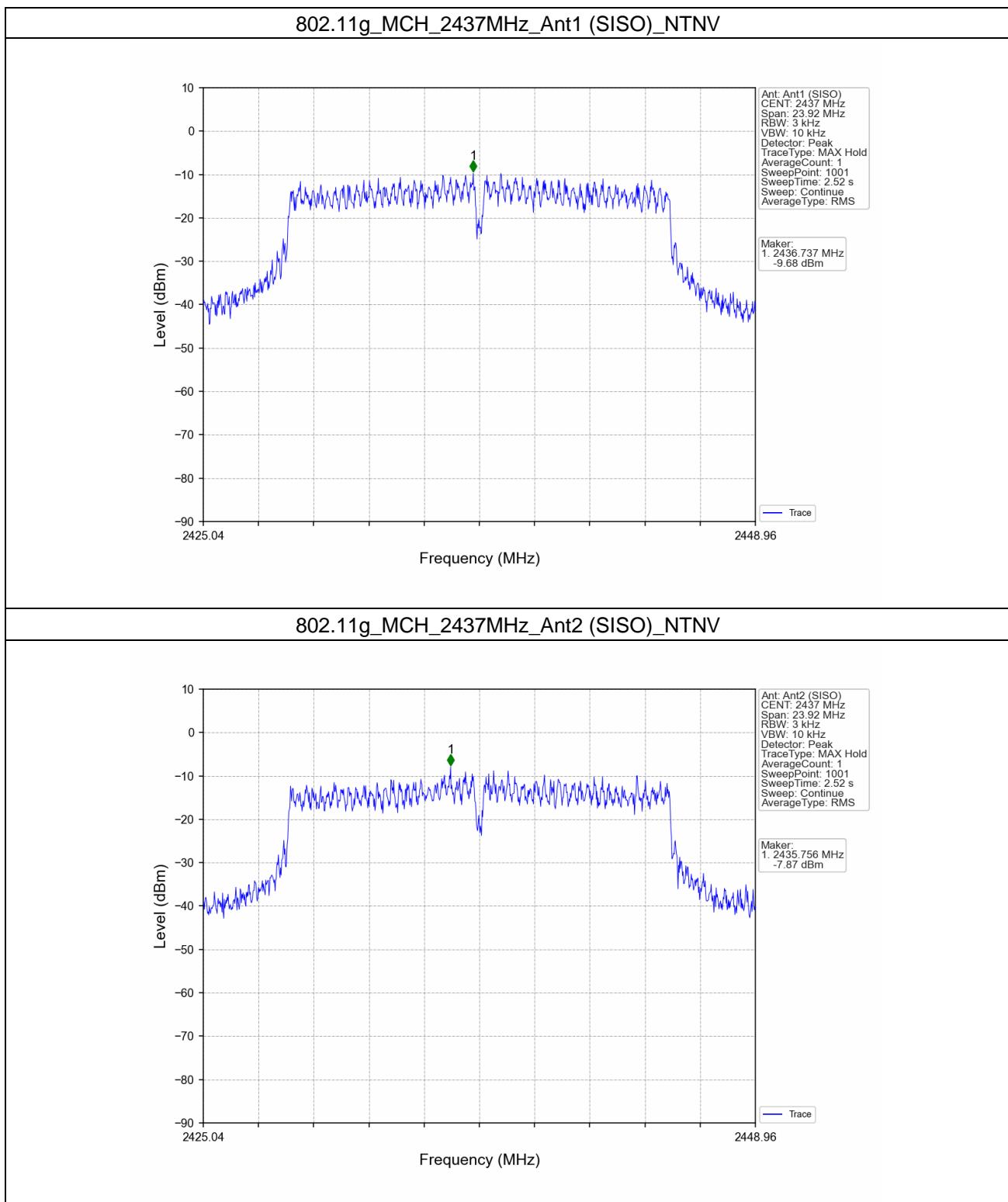
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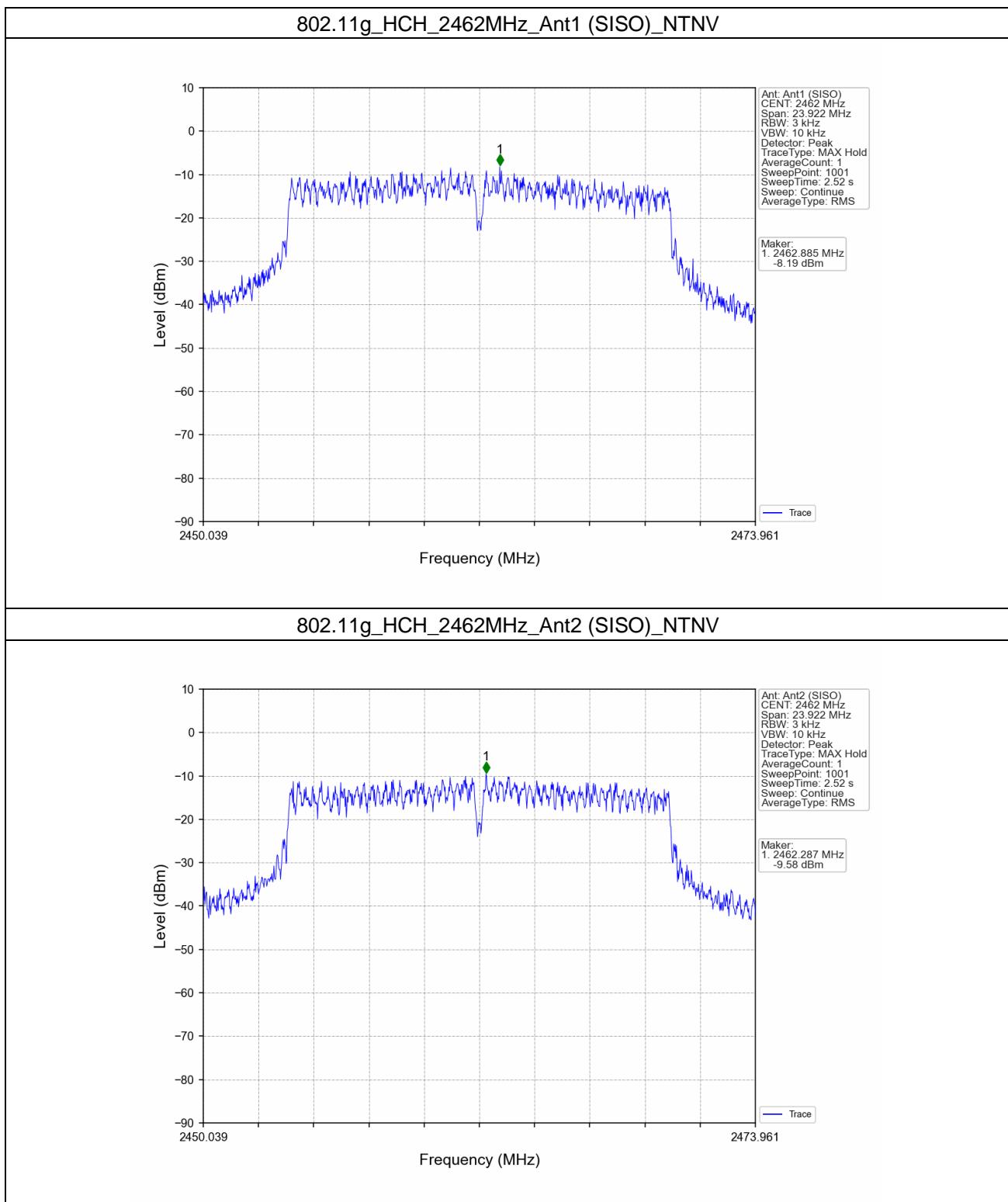
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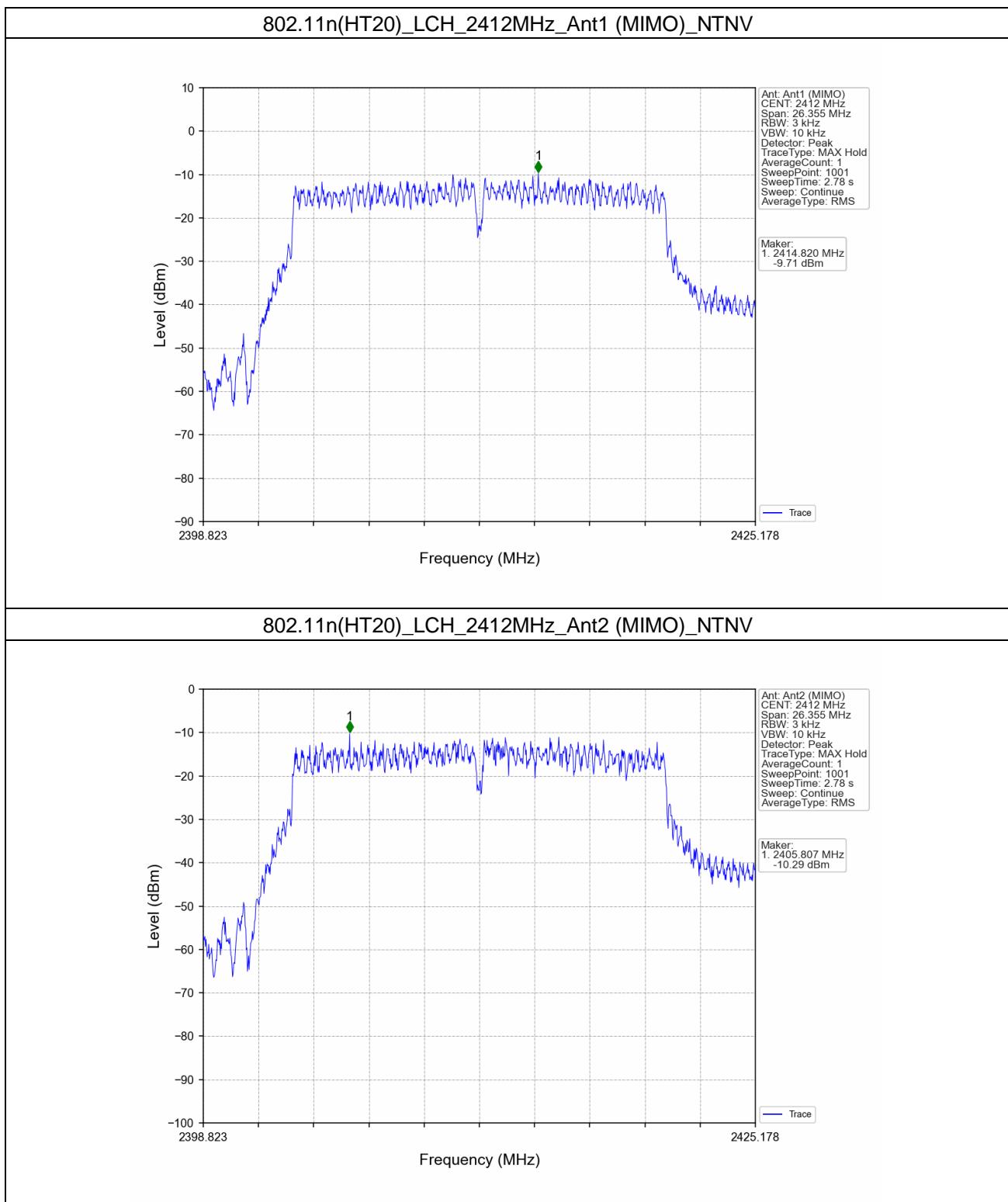
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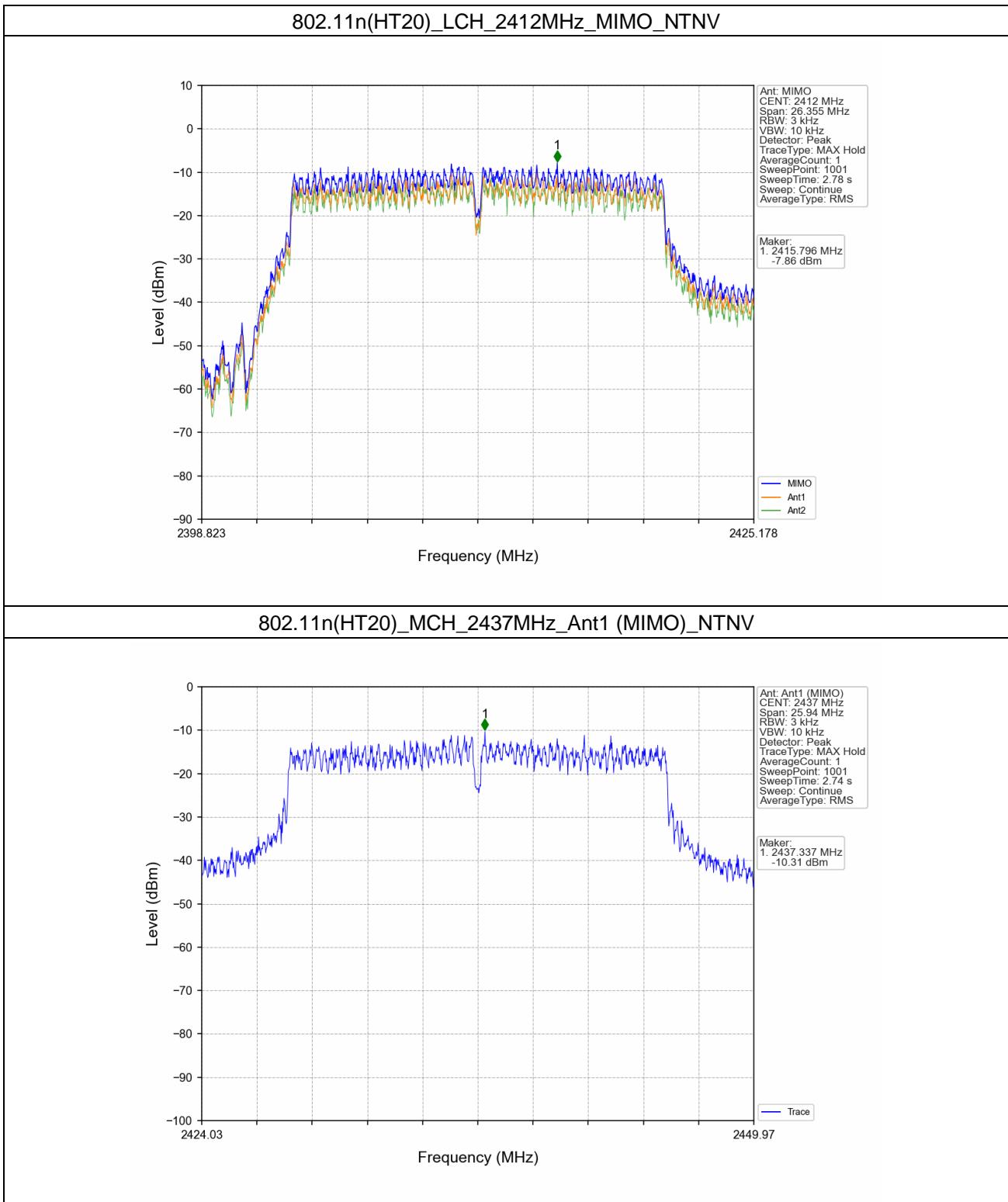
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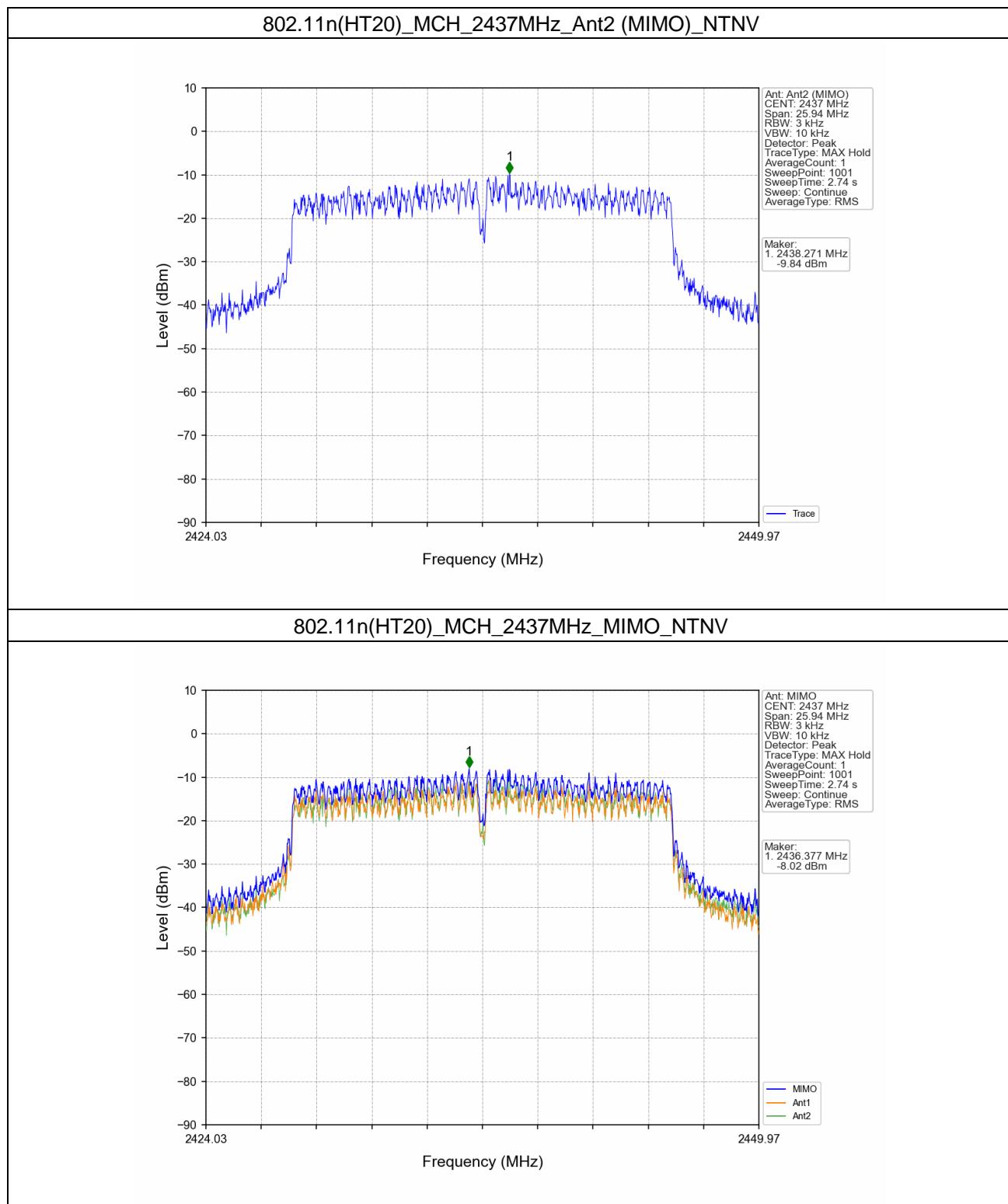
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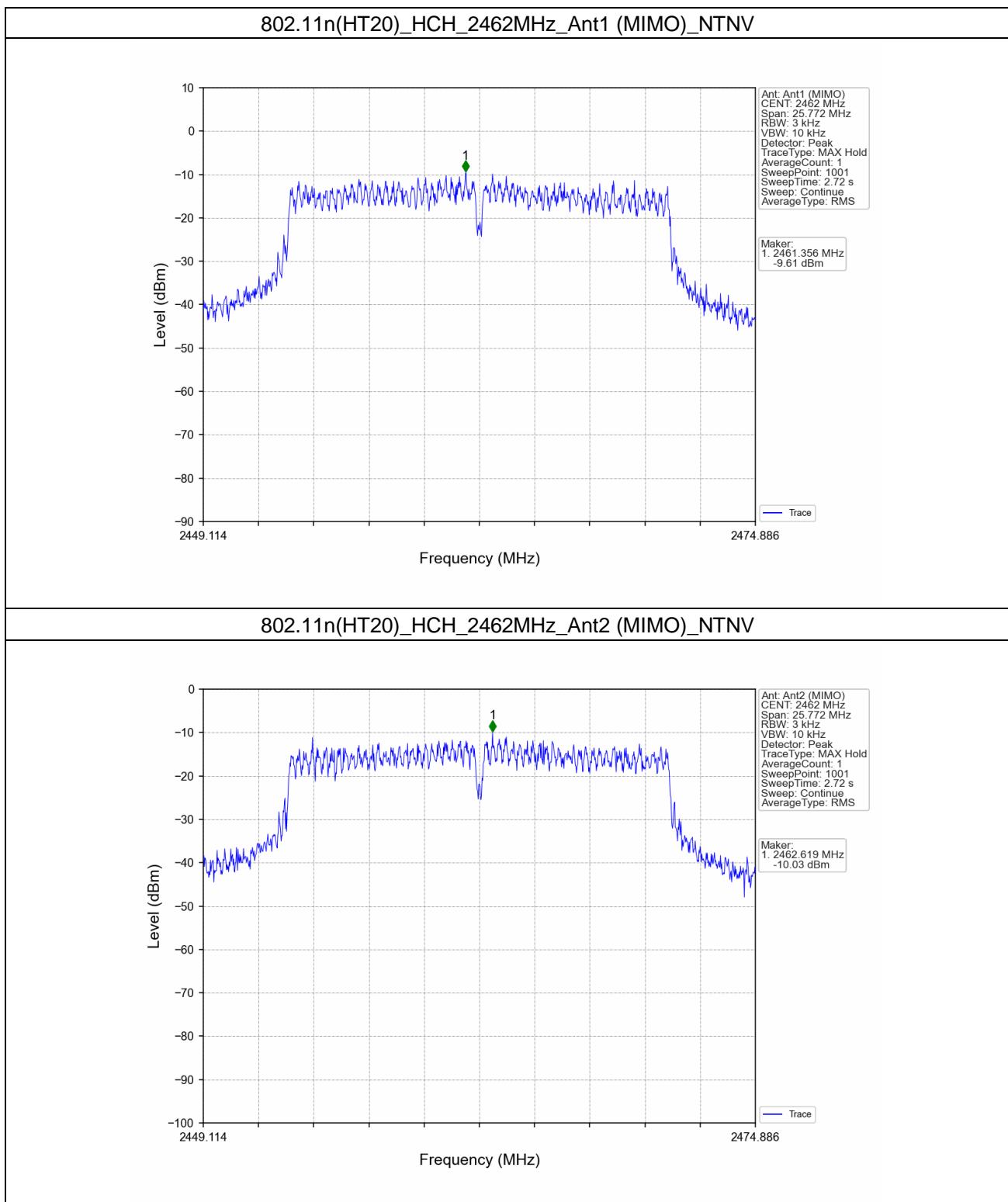


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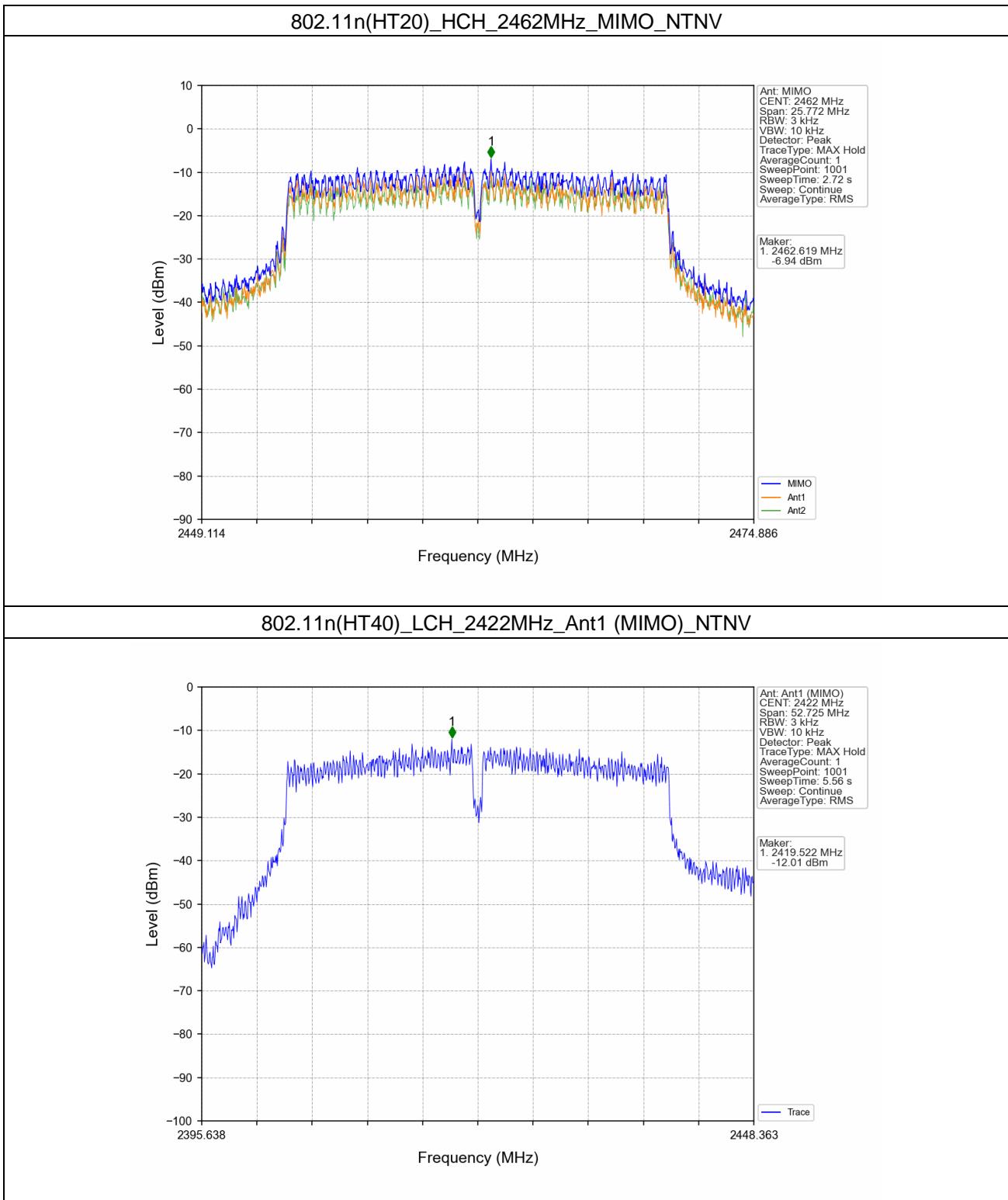
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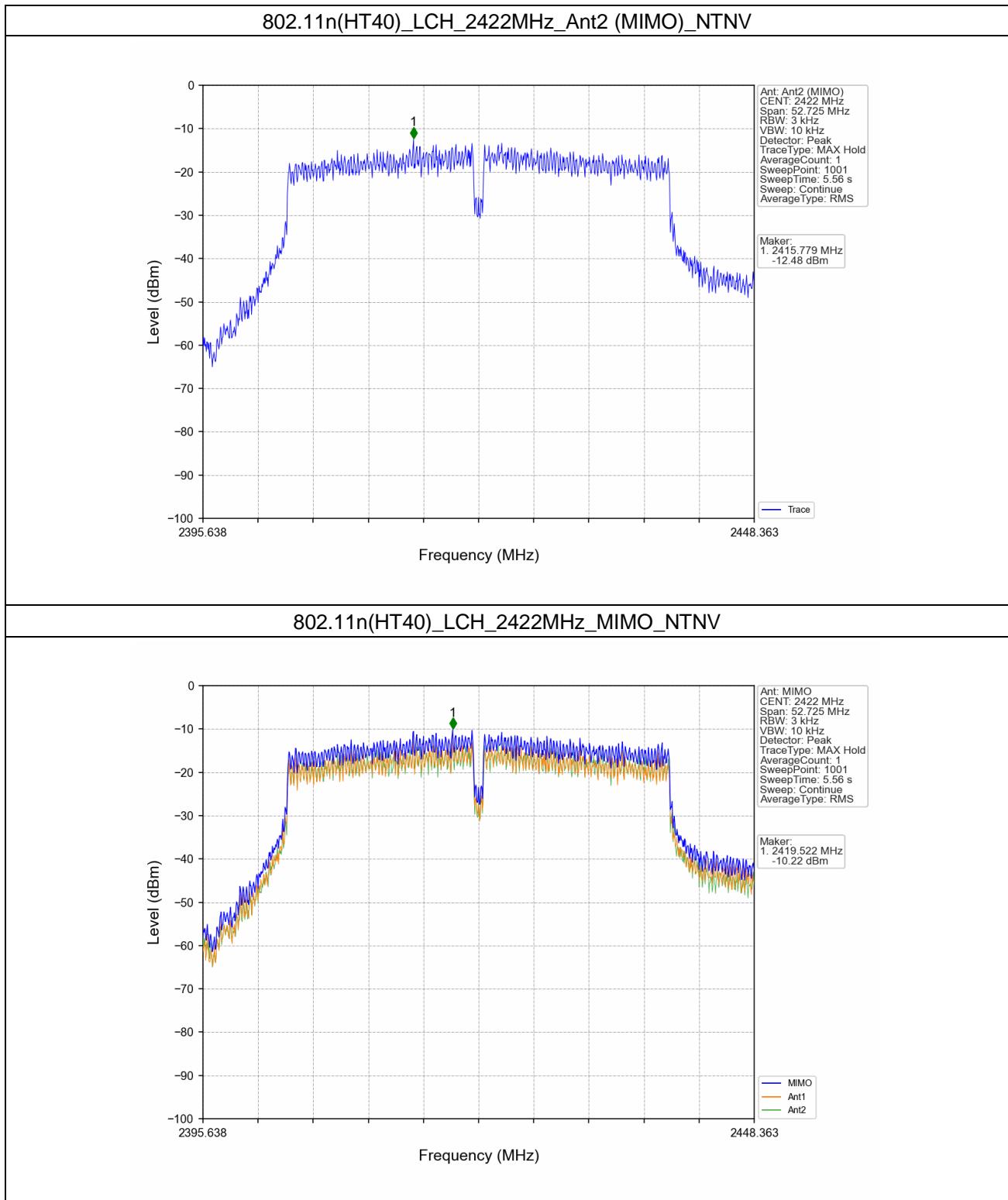
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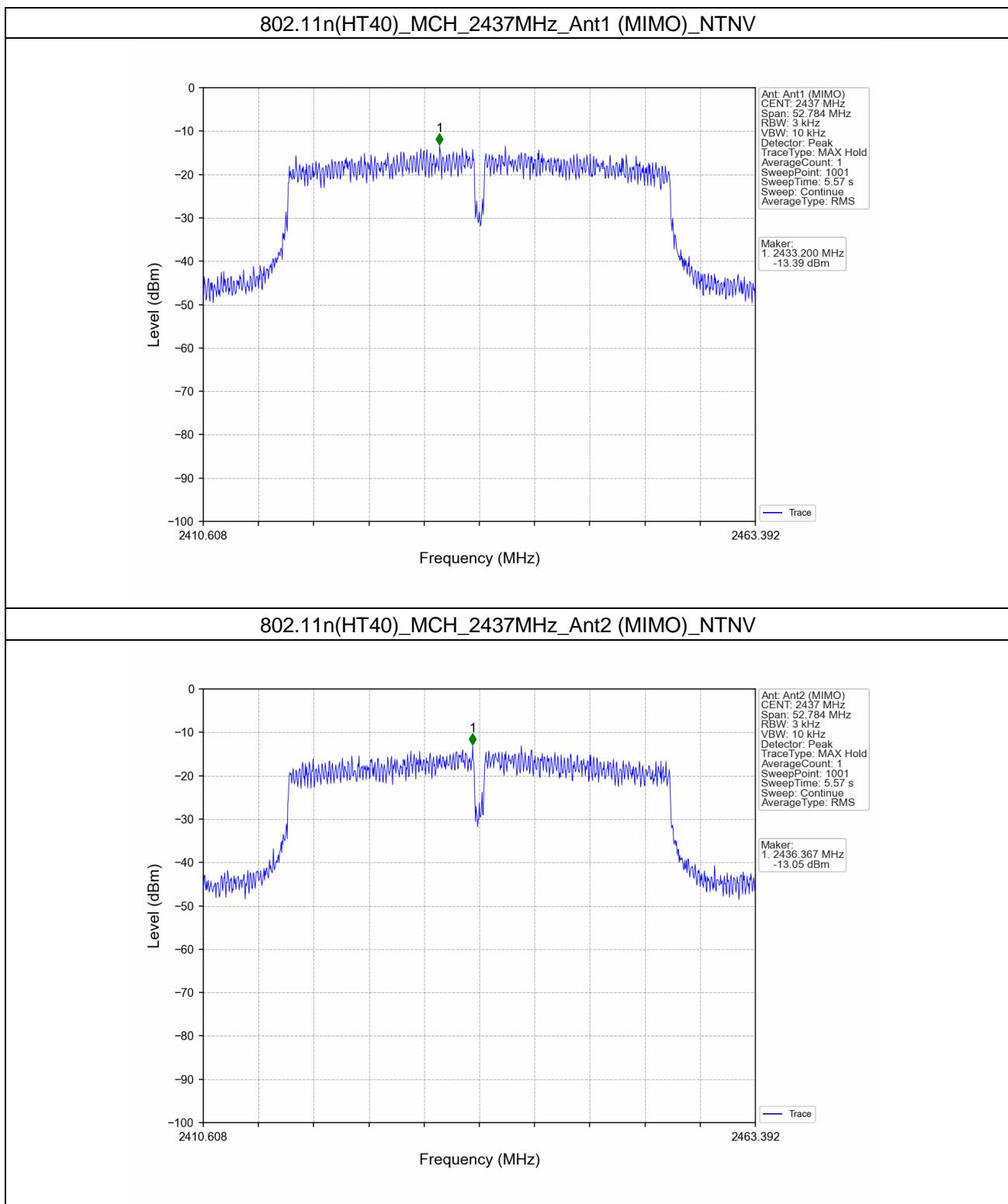
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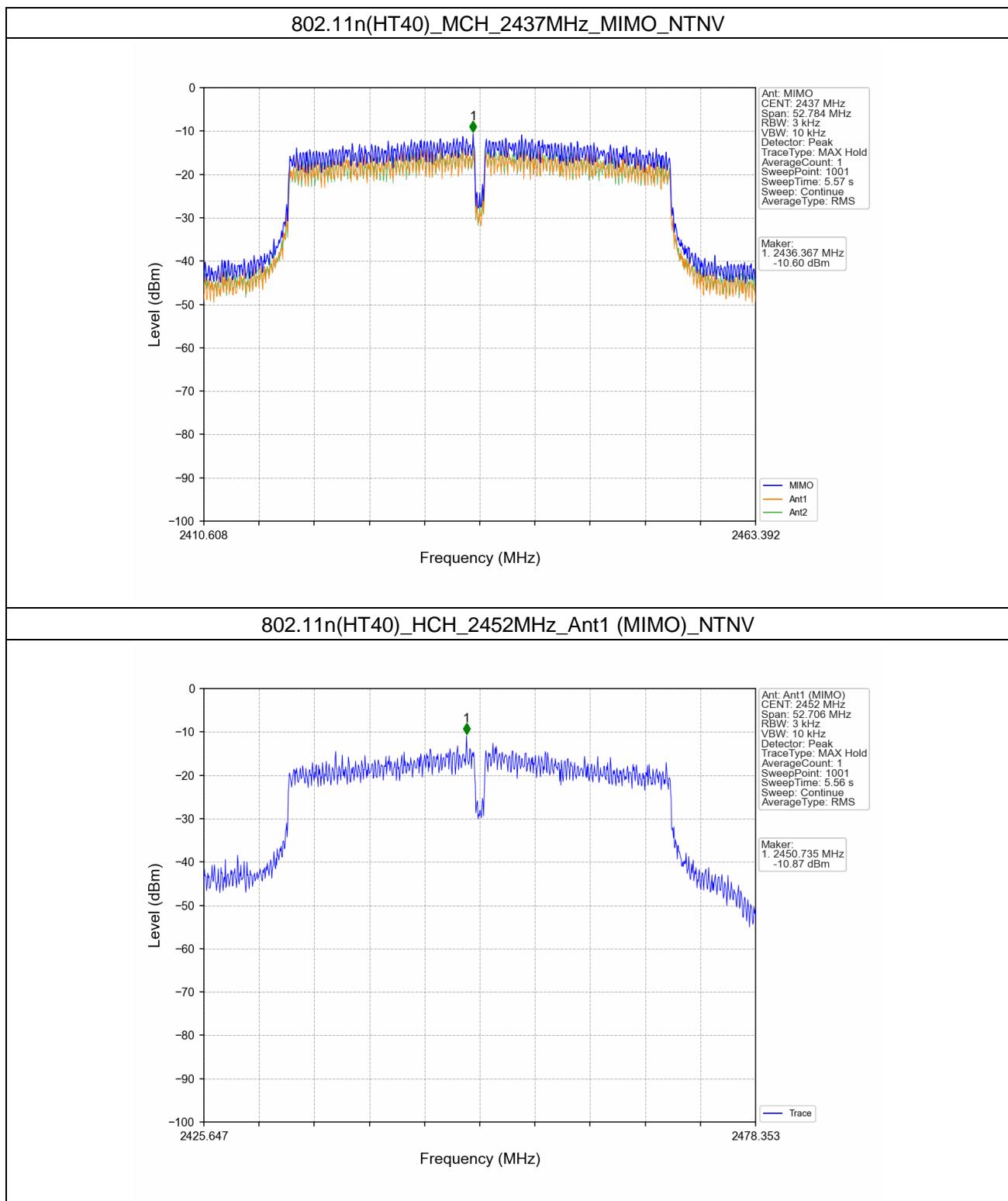
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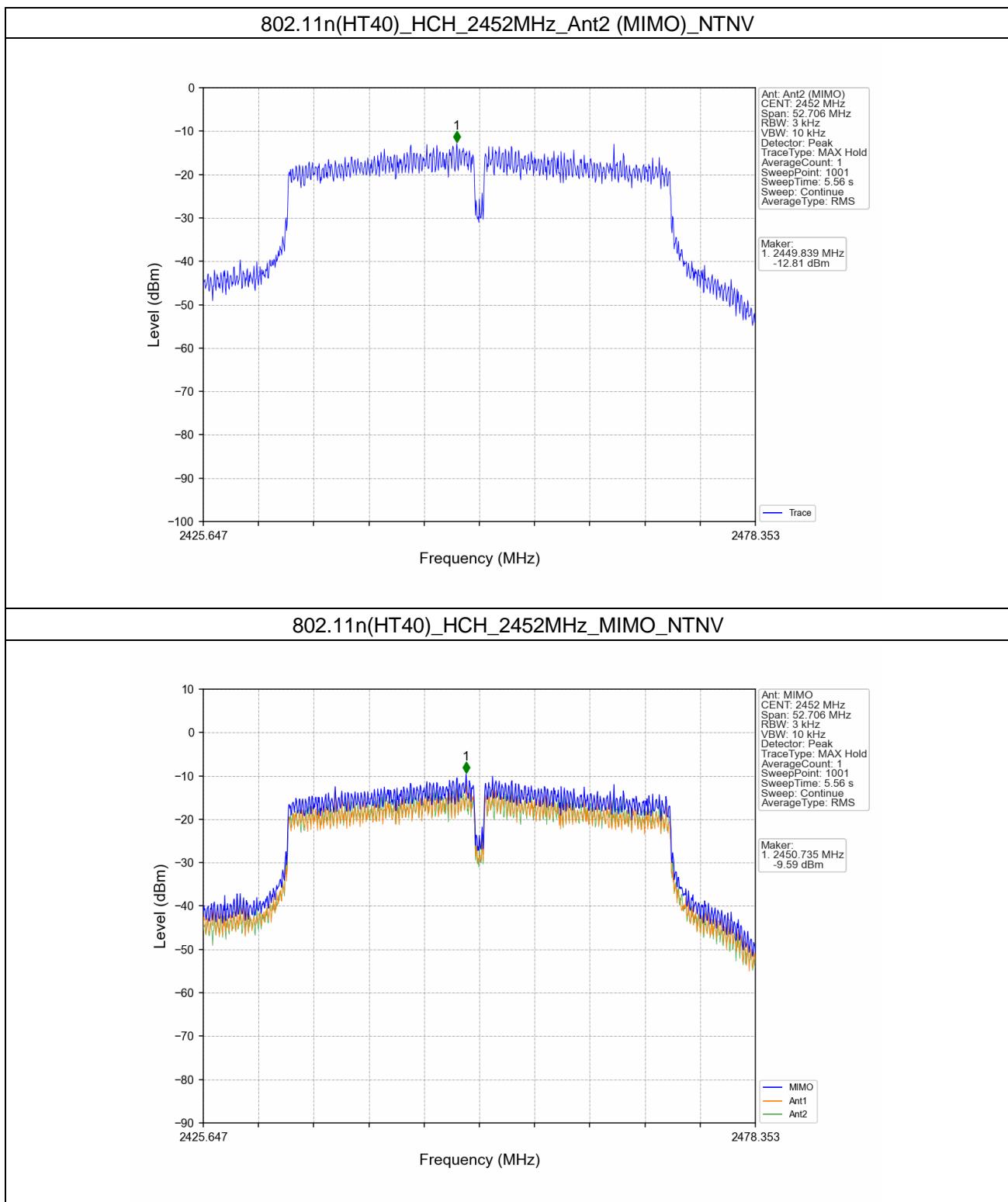
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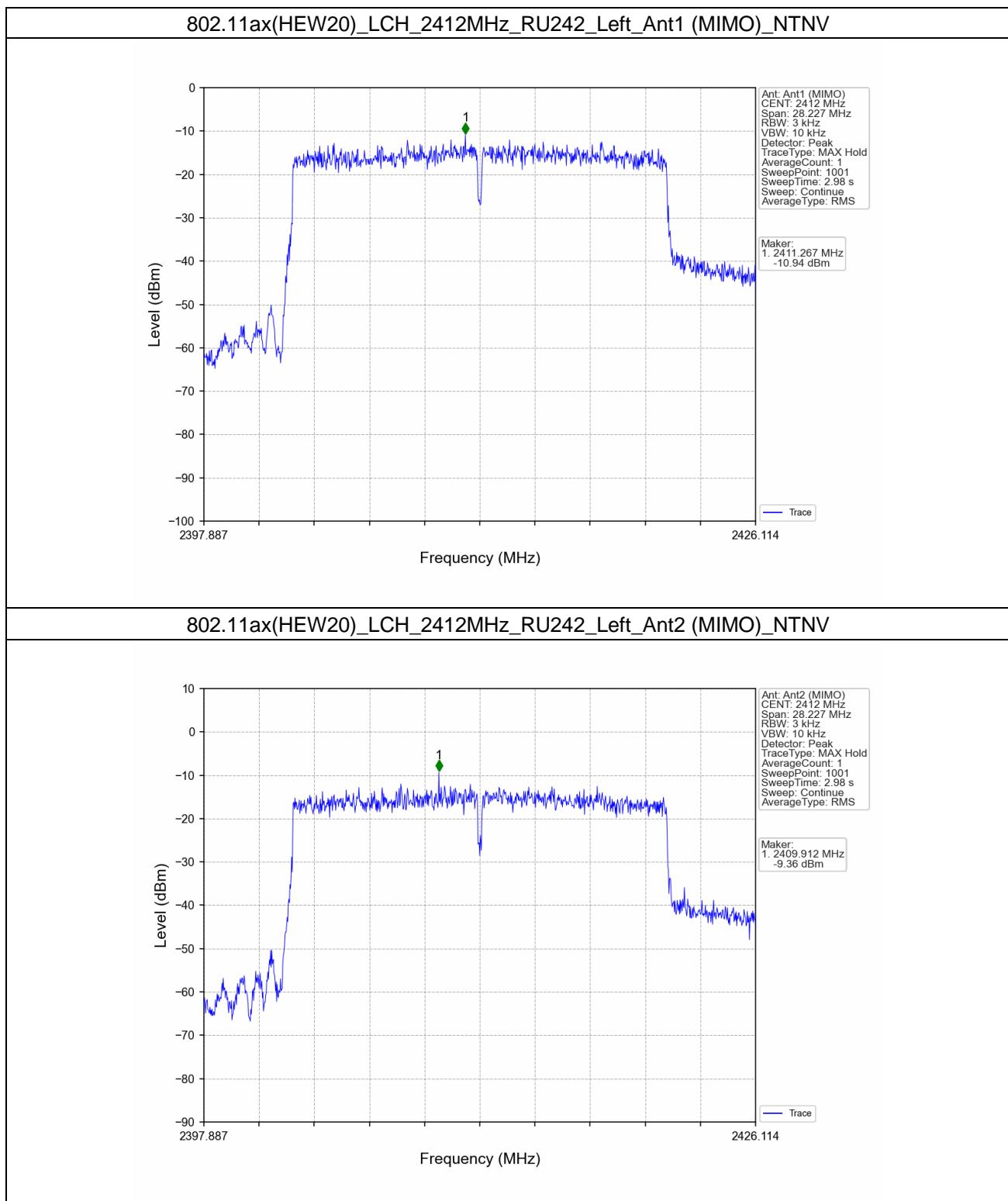
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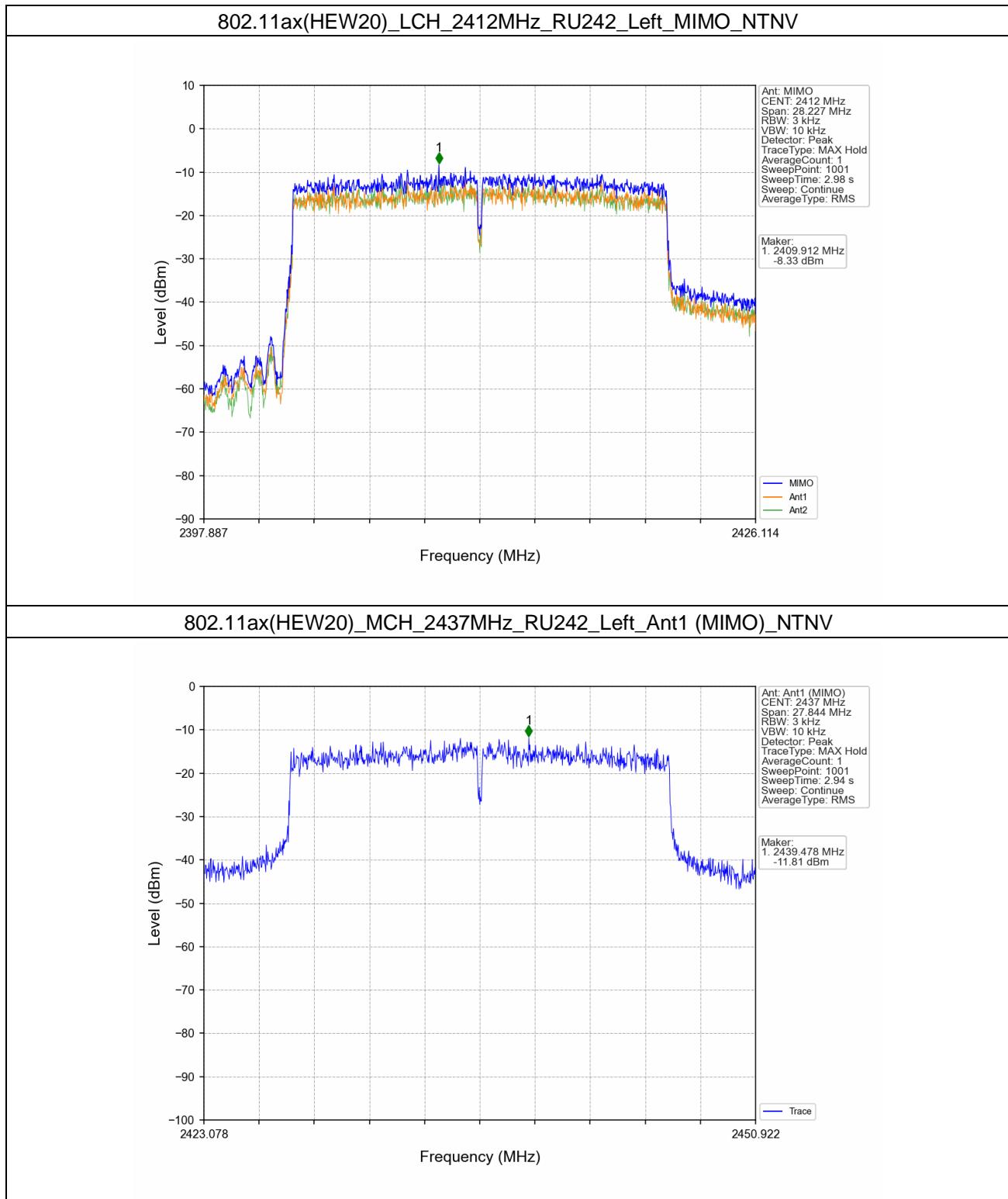
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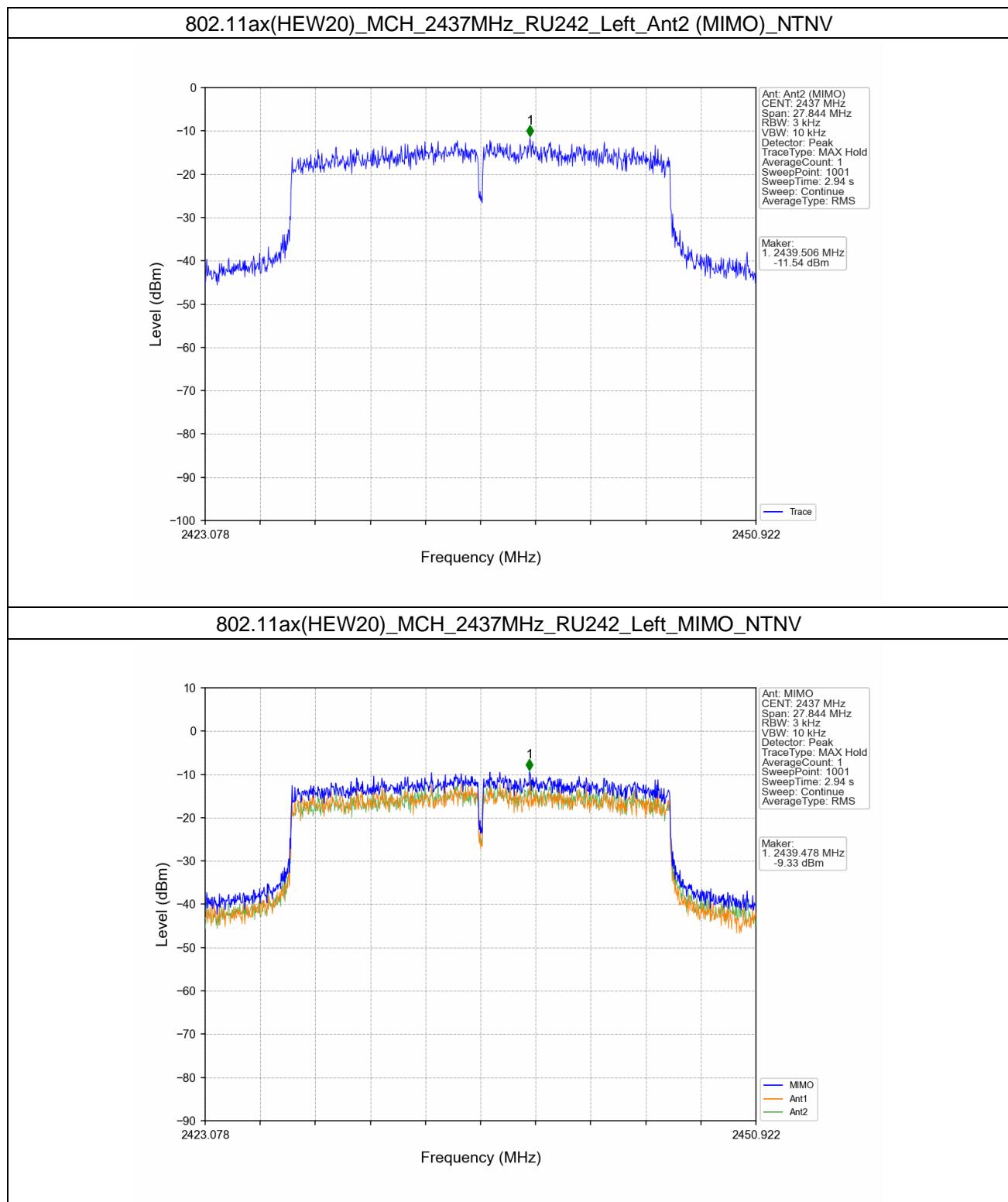
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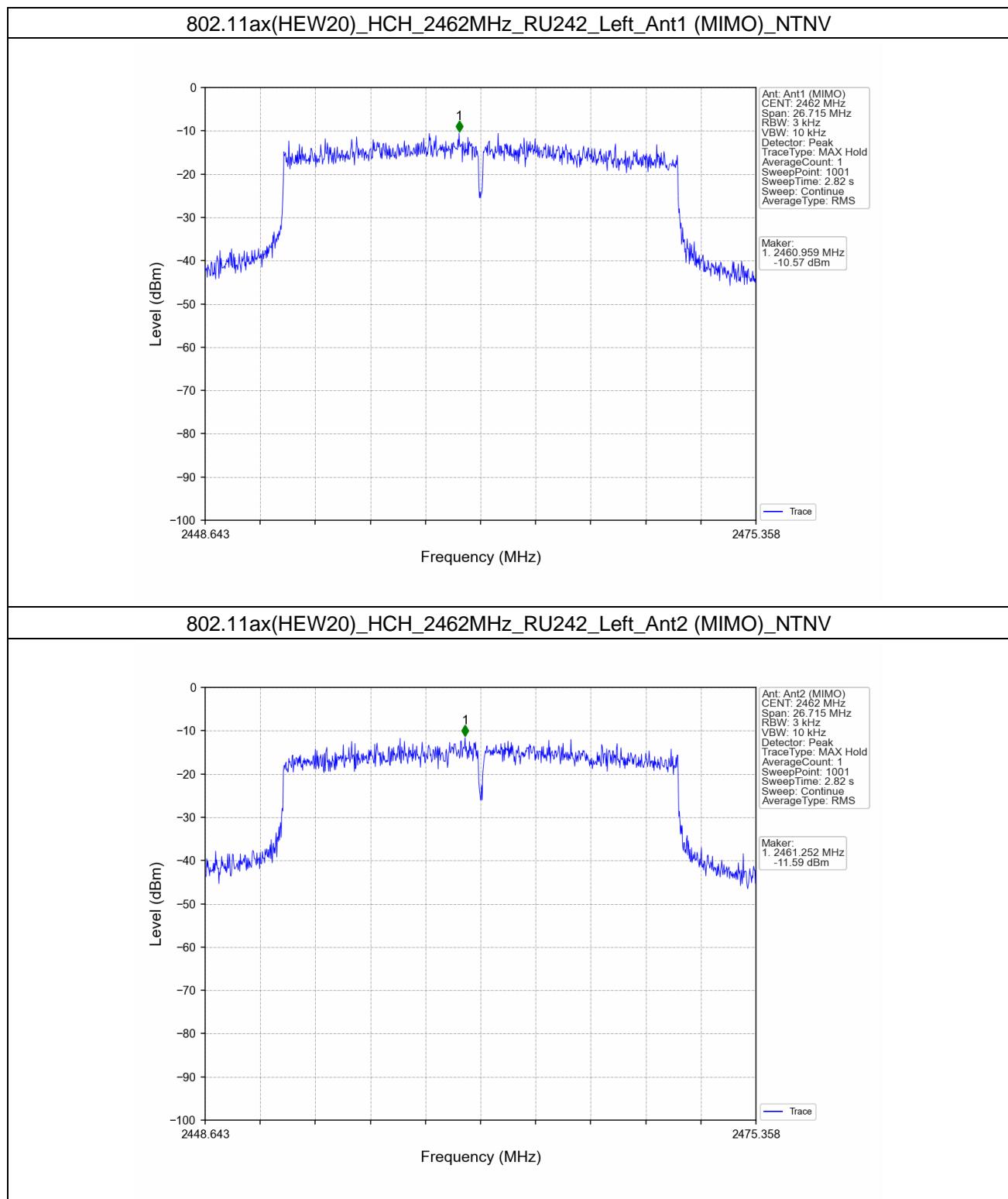
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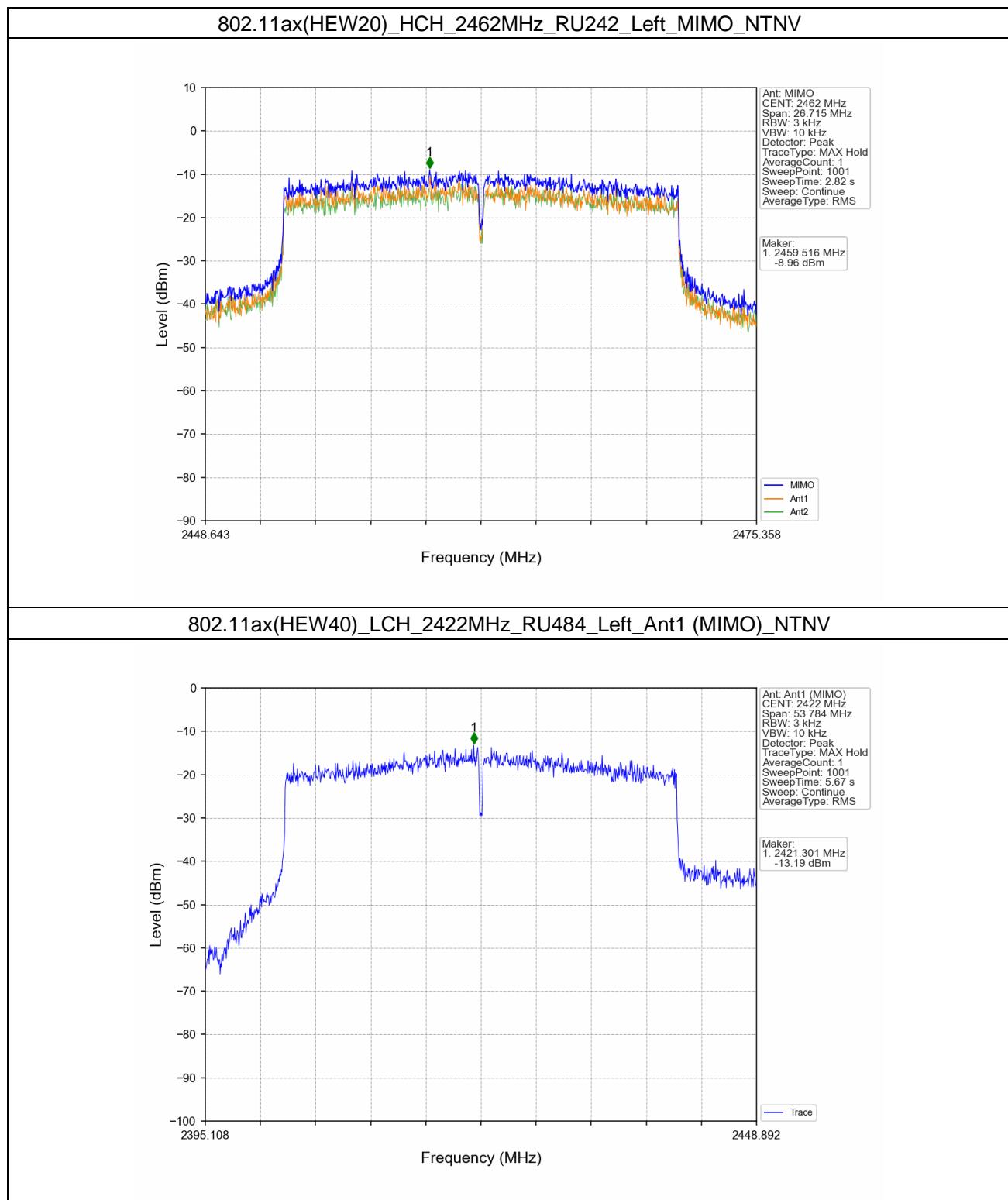


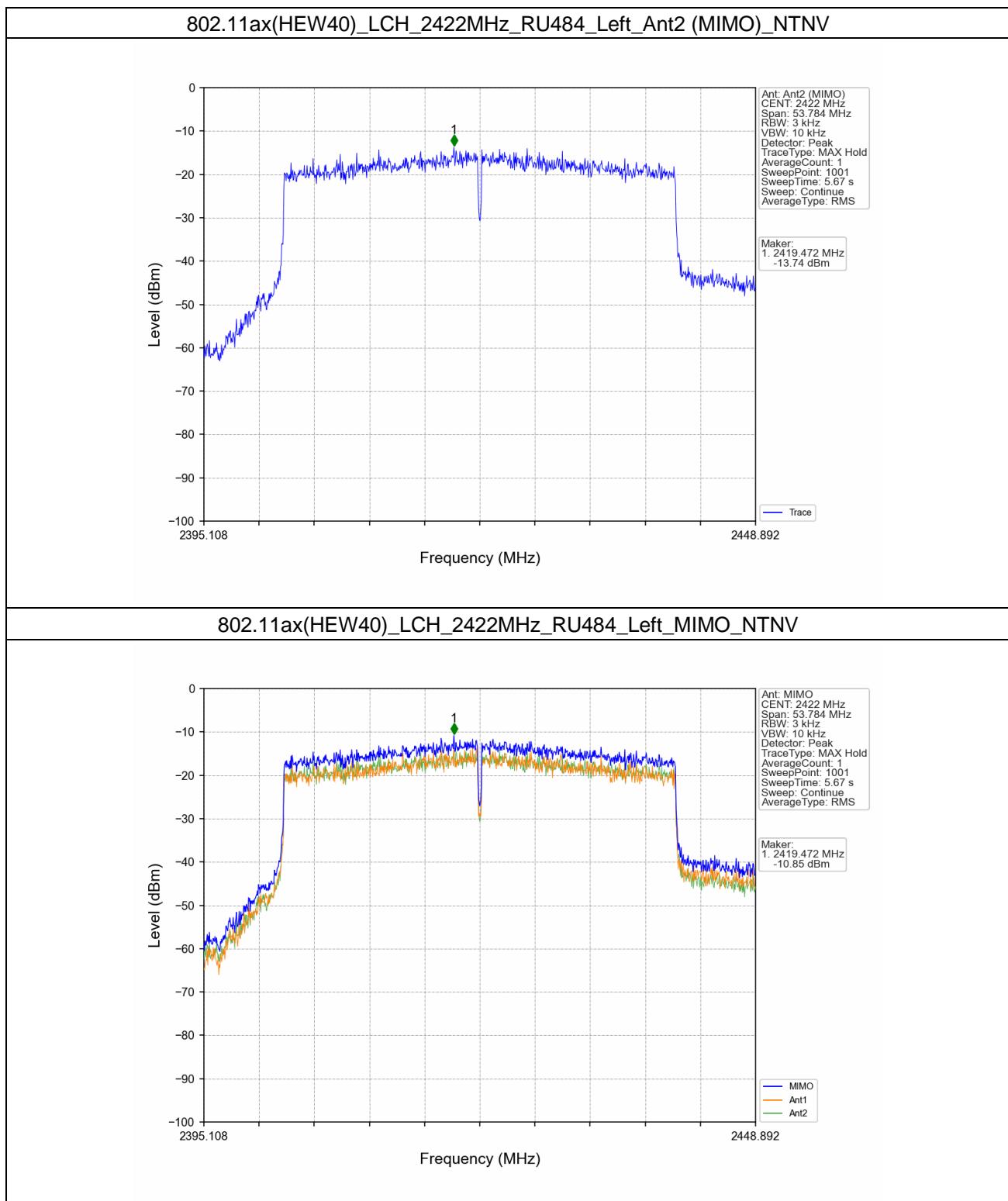


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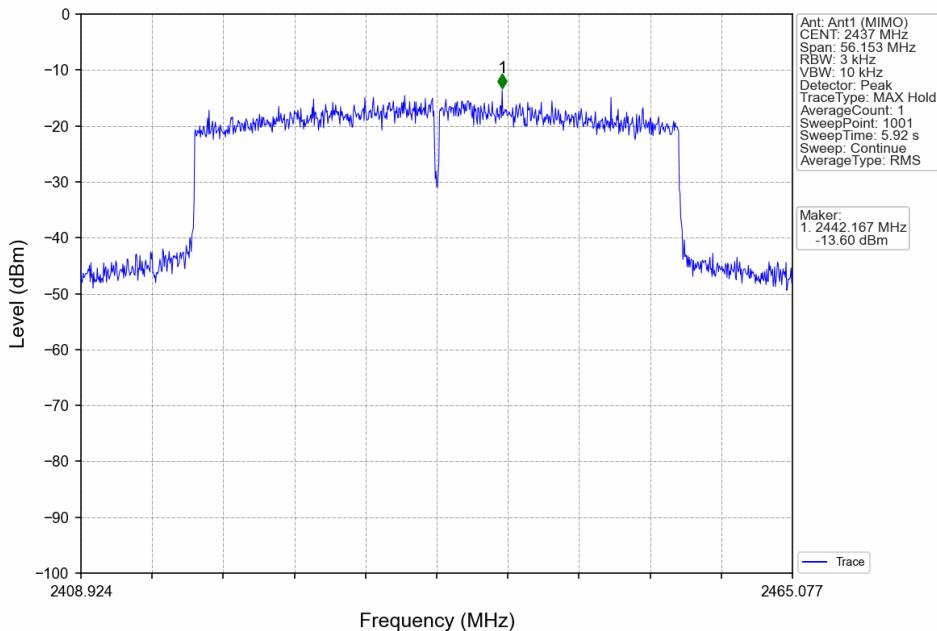
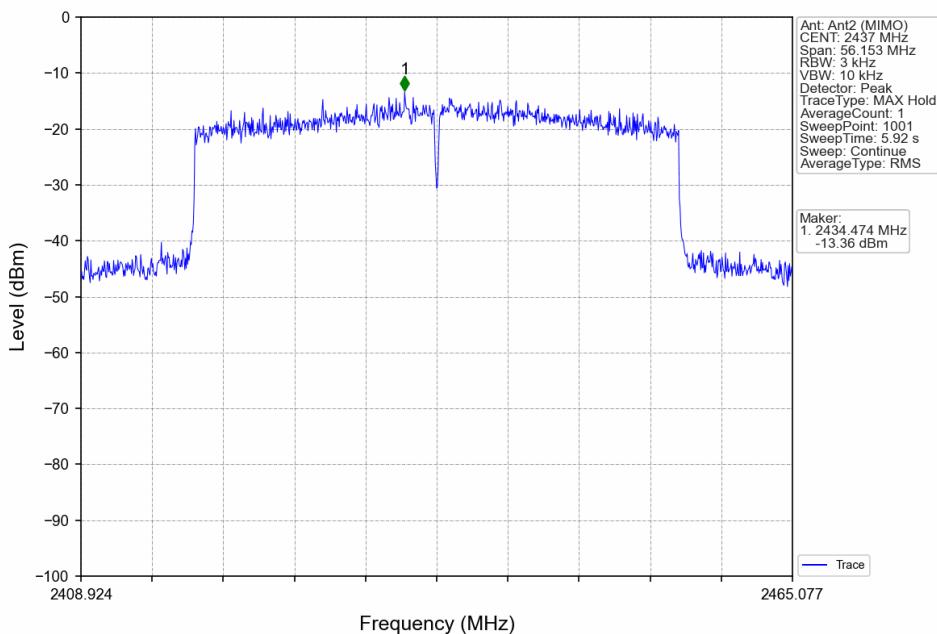
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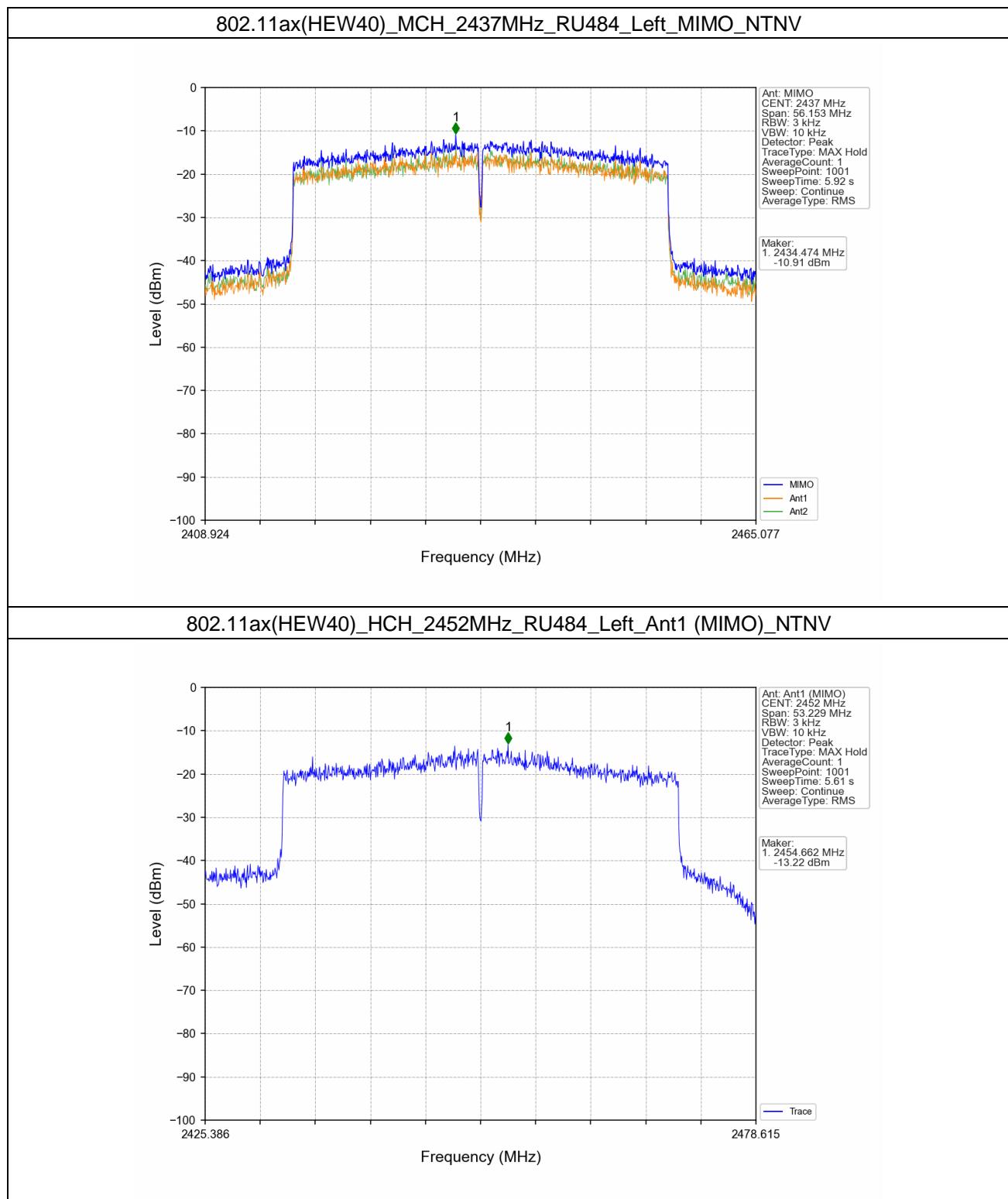
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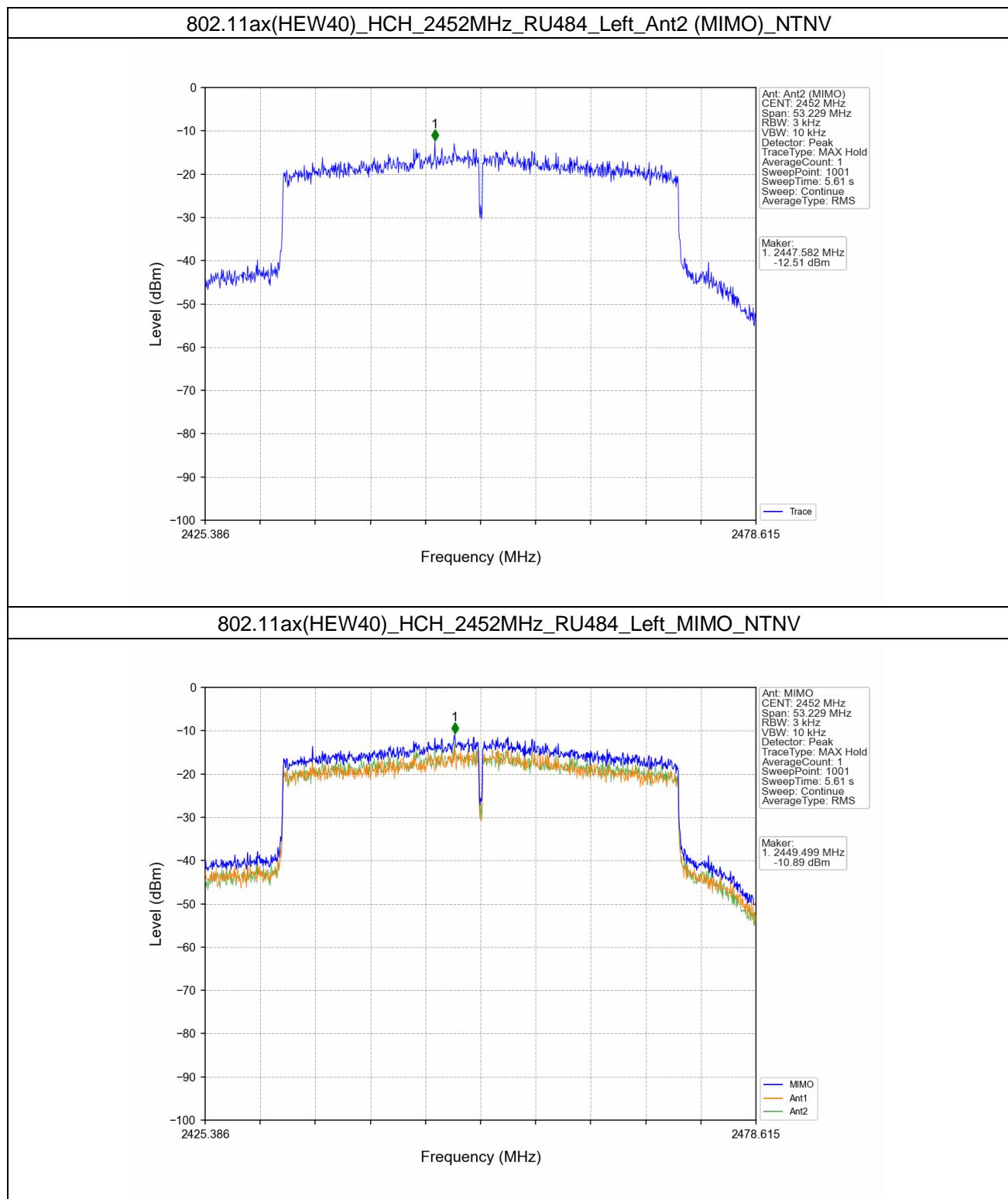


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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	10.02
					2	9.97
		2437	/	/	1	9.66
					2	10.47
		2462	/	/	1	11.10
					2	10.07
802.11g	SISO	2412	/	/	1	5.93
					2	5.49
		2437	/	/	1	5.70
					2	5.92
		2462	/	/	1	6.38
					2	6.12
802.11n (HT20)	MIMO	2412	/	/	1	4.88
					2	4.72
		2437	/	/	1	4.38
					2	5.07
		2462	/	/	1	5.33
					2	4.95
802.11n (HT40)	MIMO	2422	/	/	1	2.33
					2	2.25
		2437	/	/	1	1.58
					2	2.23
		2452	/	/	1	2.25
					2	2.15
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	5.04
					2	4.94

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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078602

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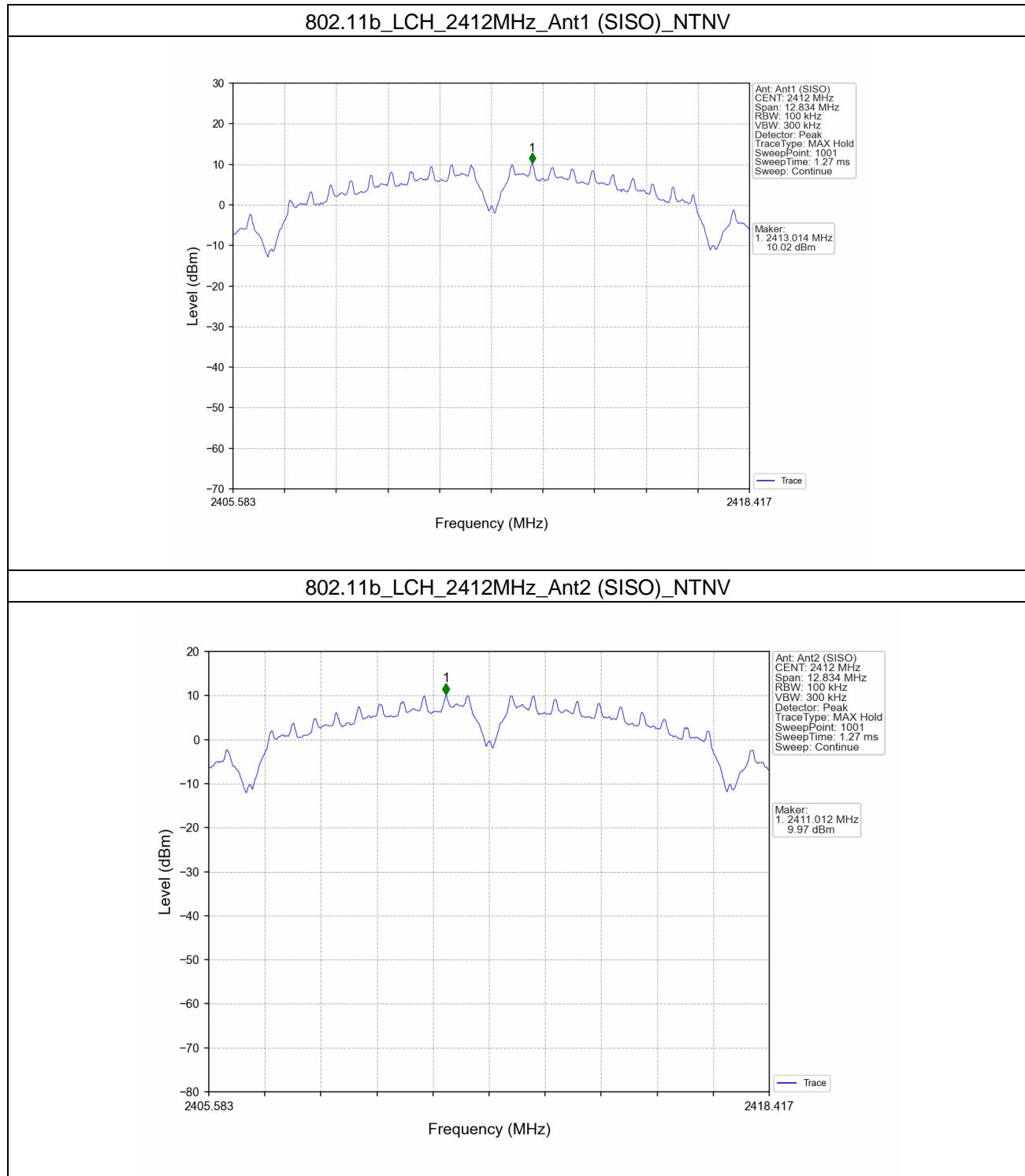
		2437	RU242	Left	1	4.65
					2	5.25
	2462	RU242	Left	1	5.81	
					2	4.79
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.65
					2	2.27
		2437	RU484	Left	1	1.71
					2	2.27
		2452	RU484	Left	1	2.25
					2	2.39

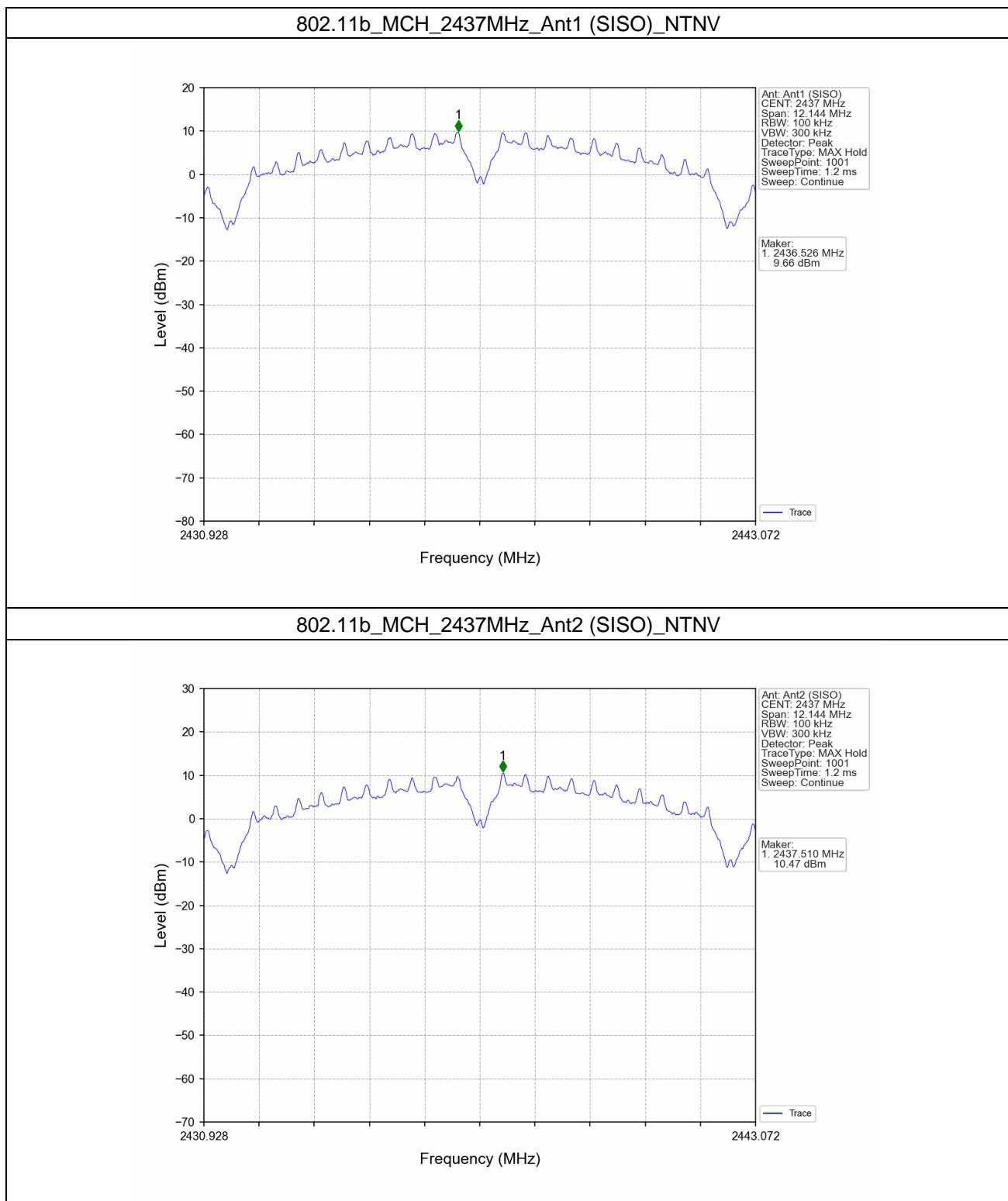

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**5.1.2 Test Graph**



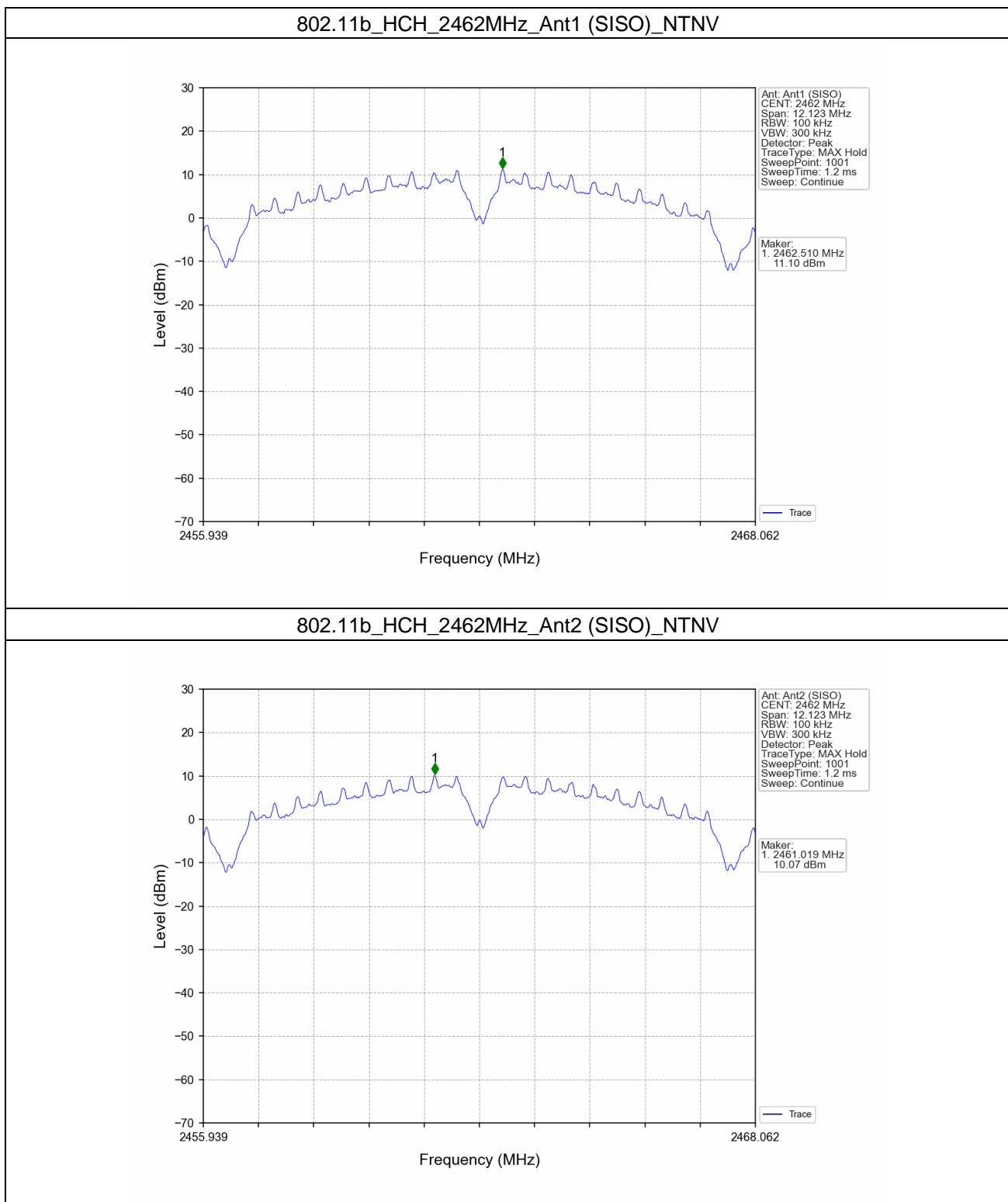
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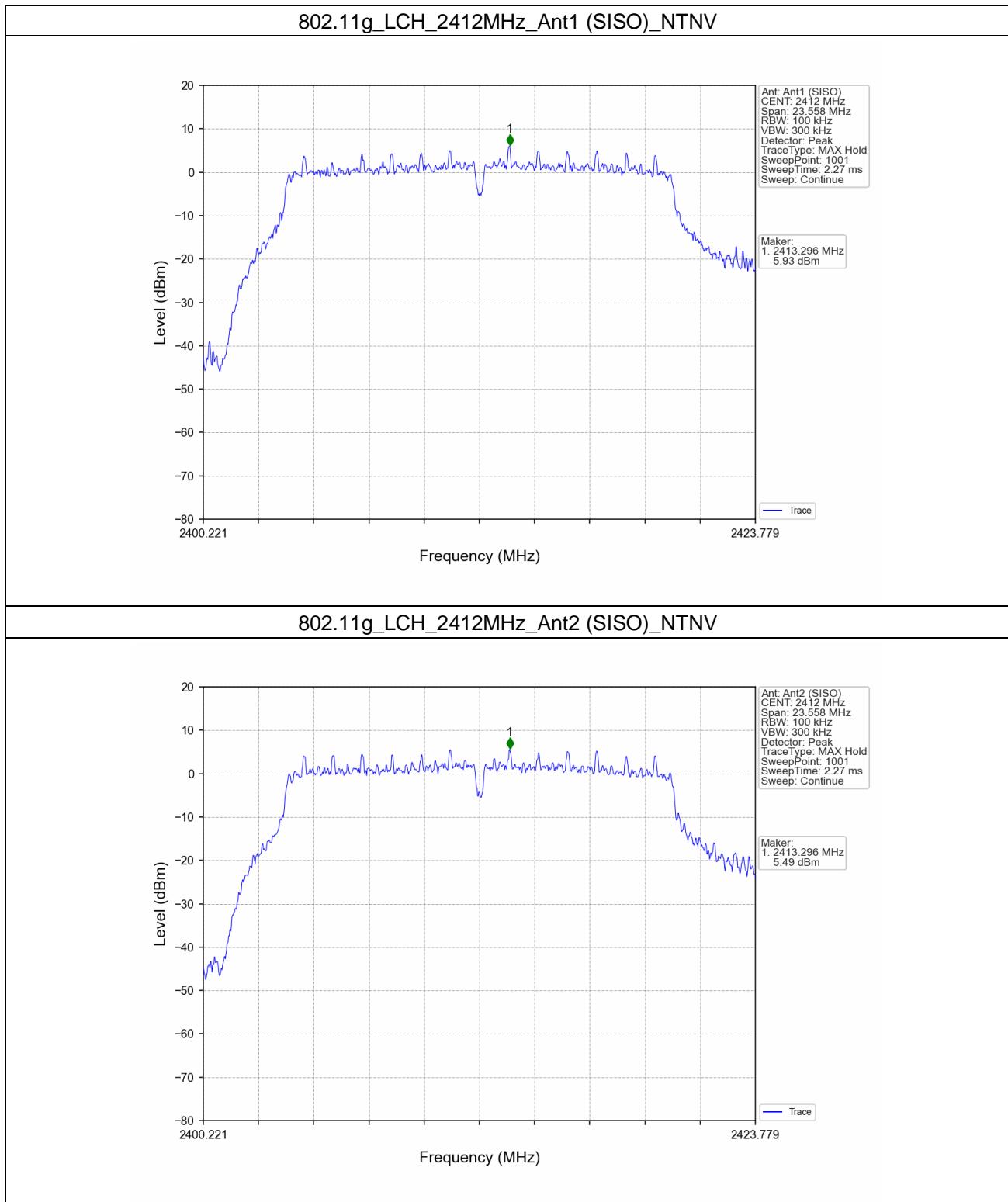
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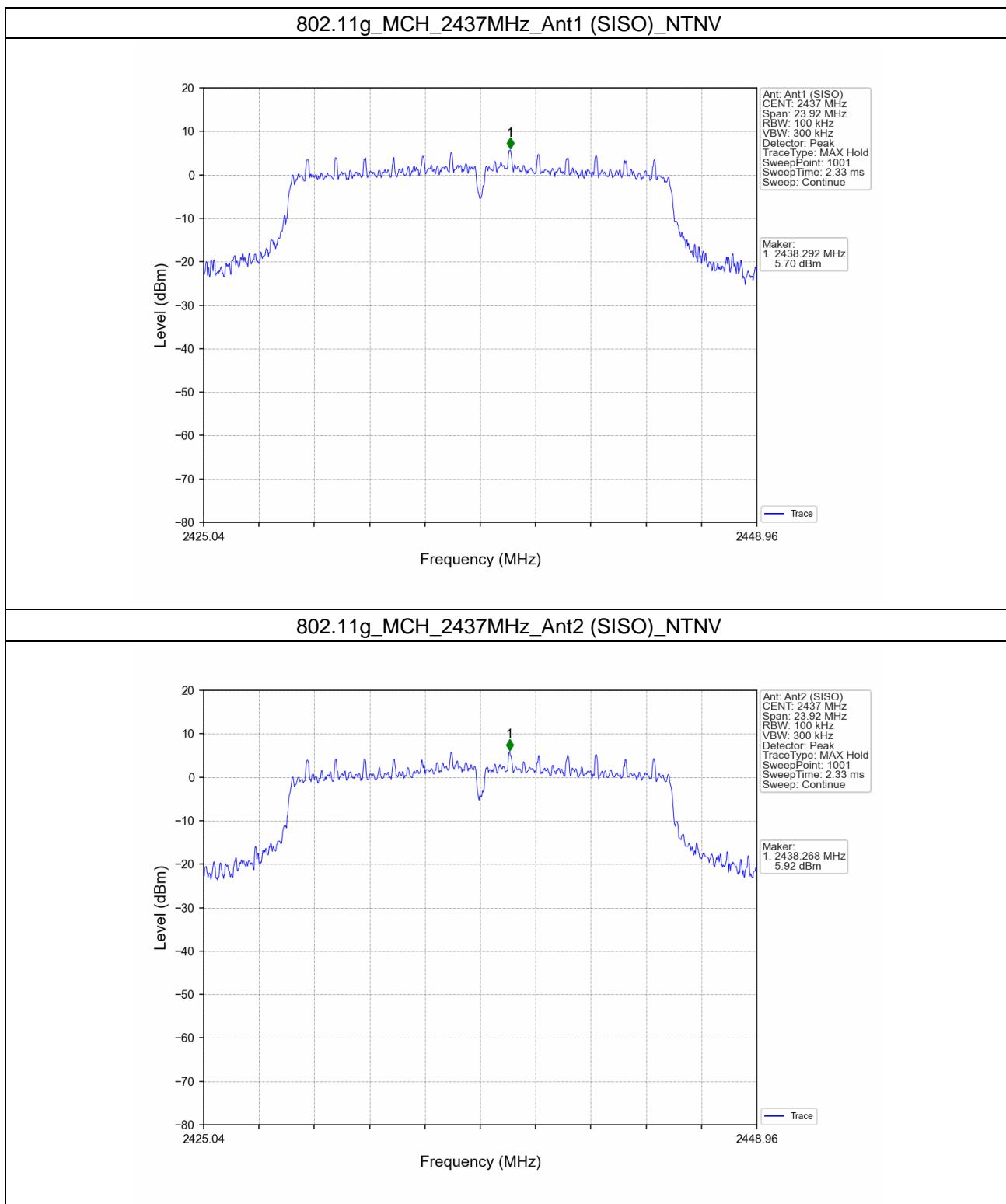
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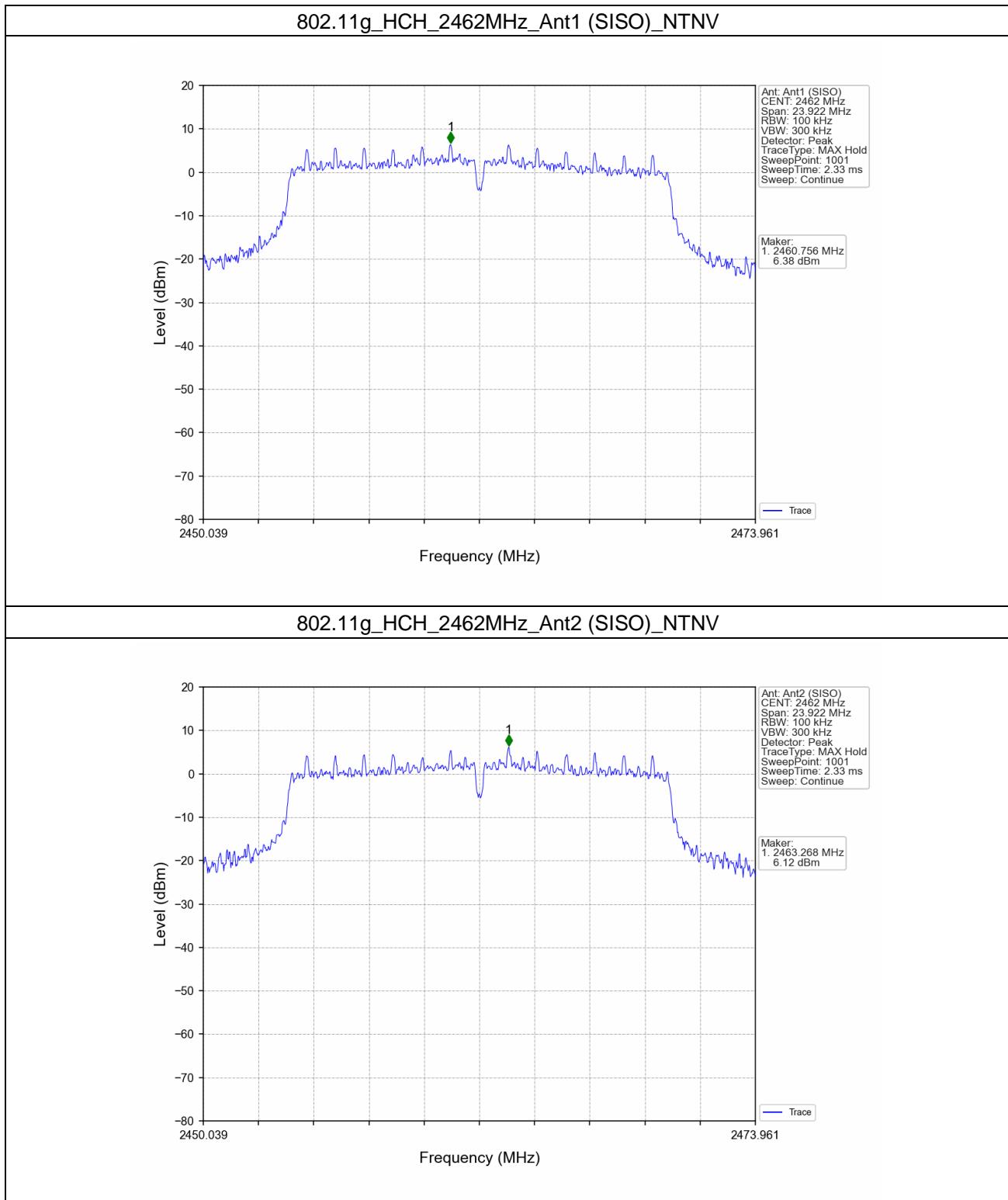
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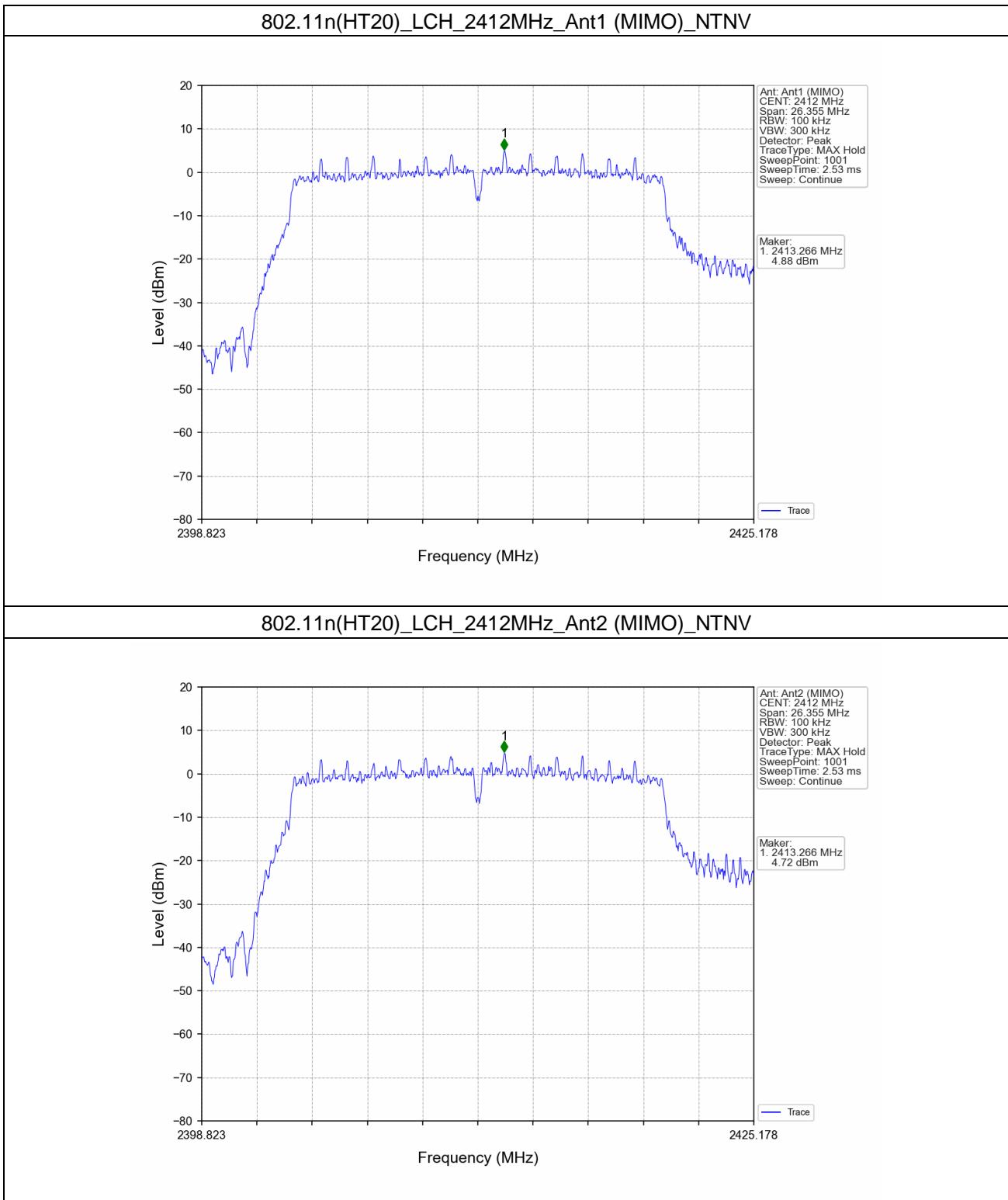
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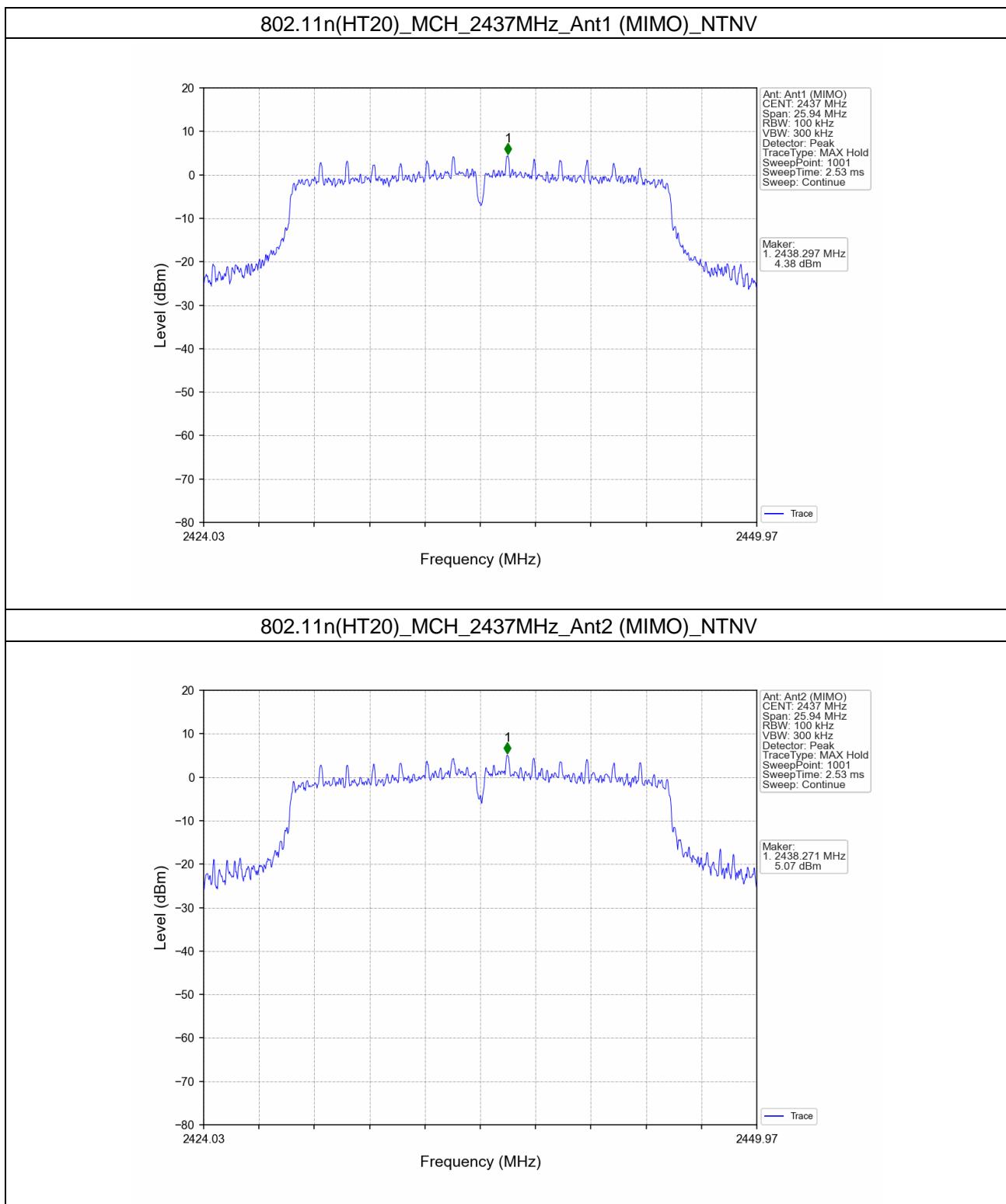
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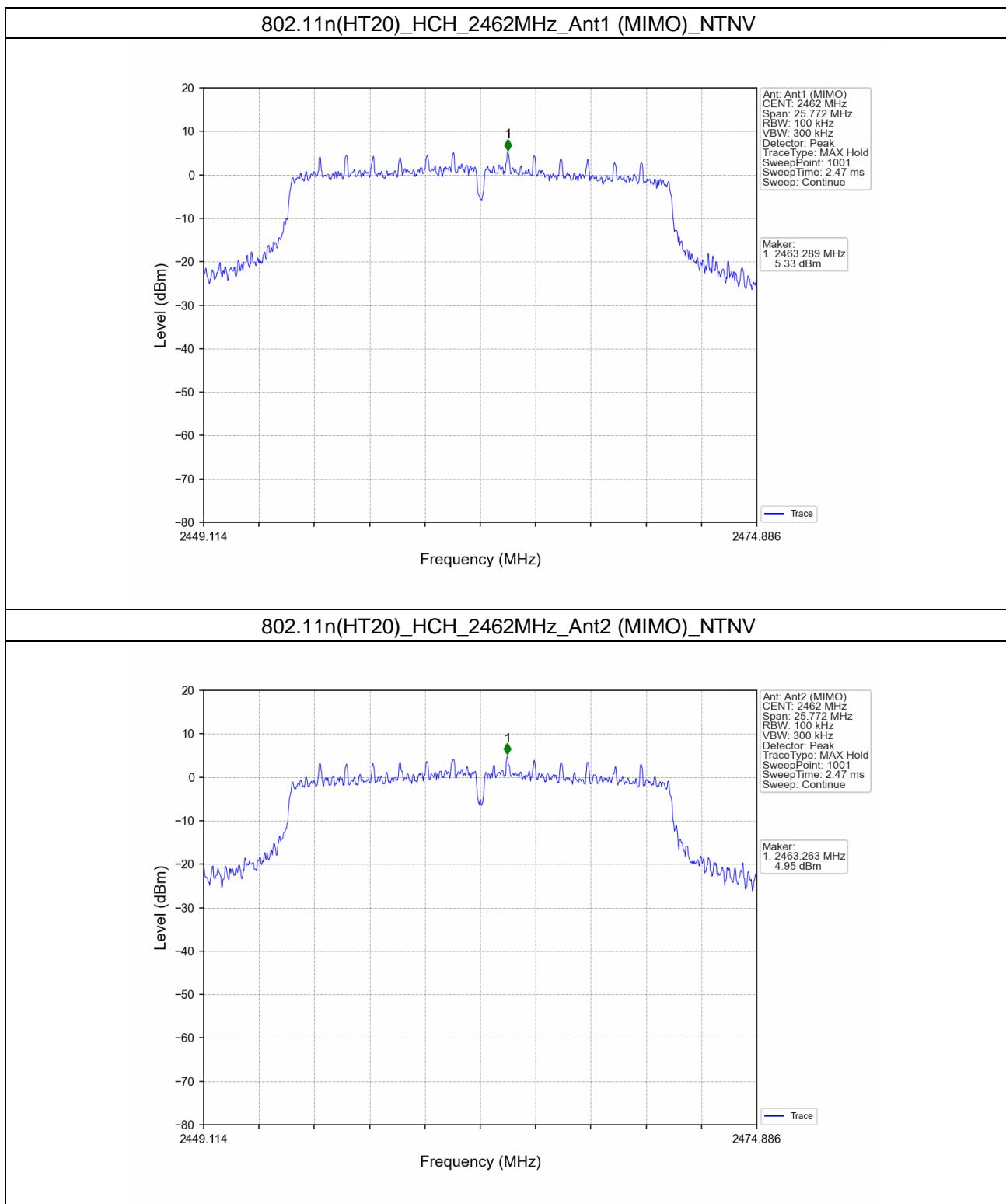


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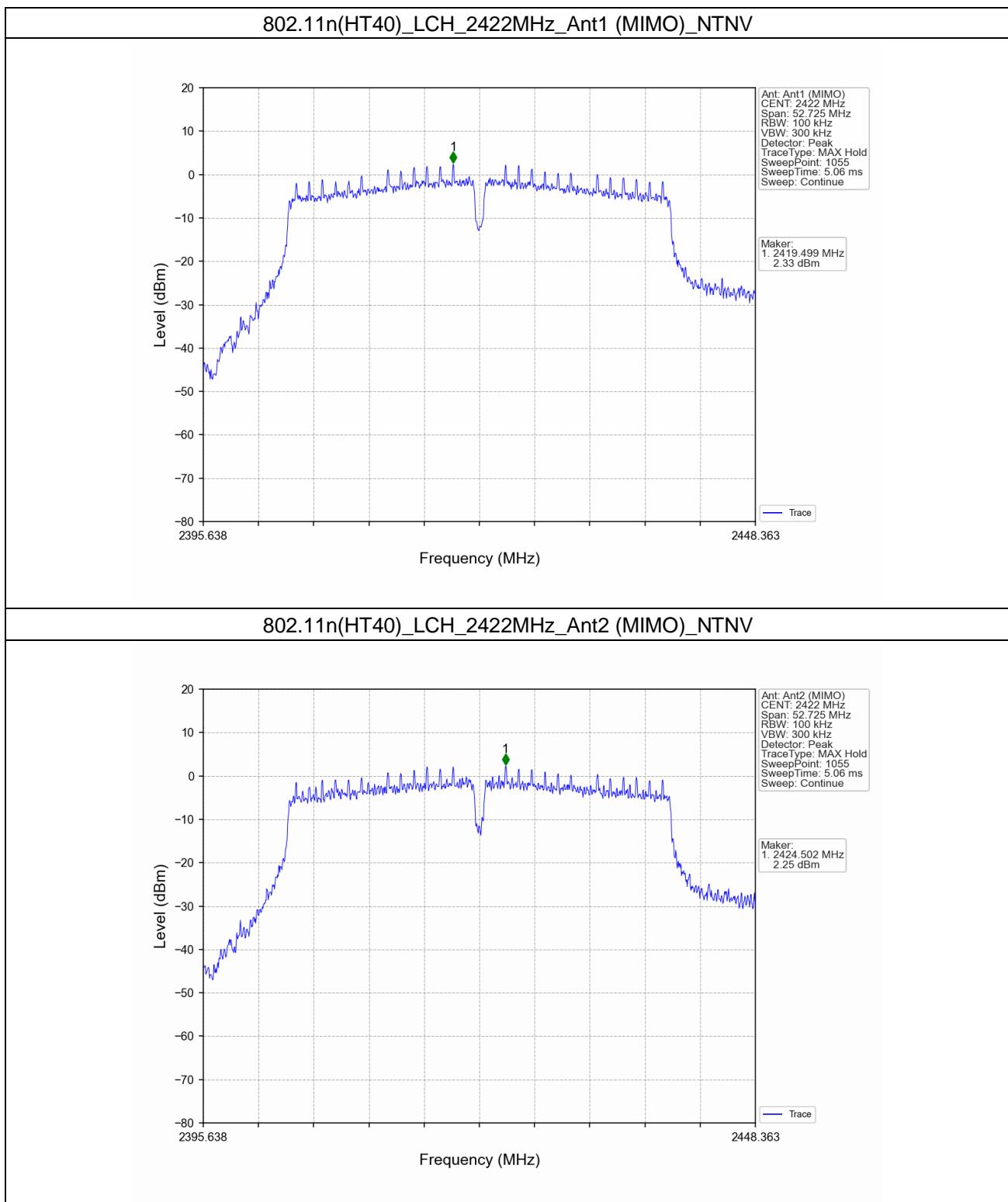
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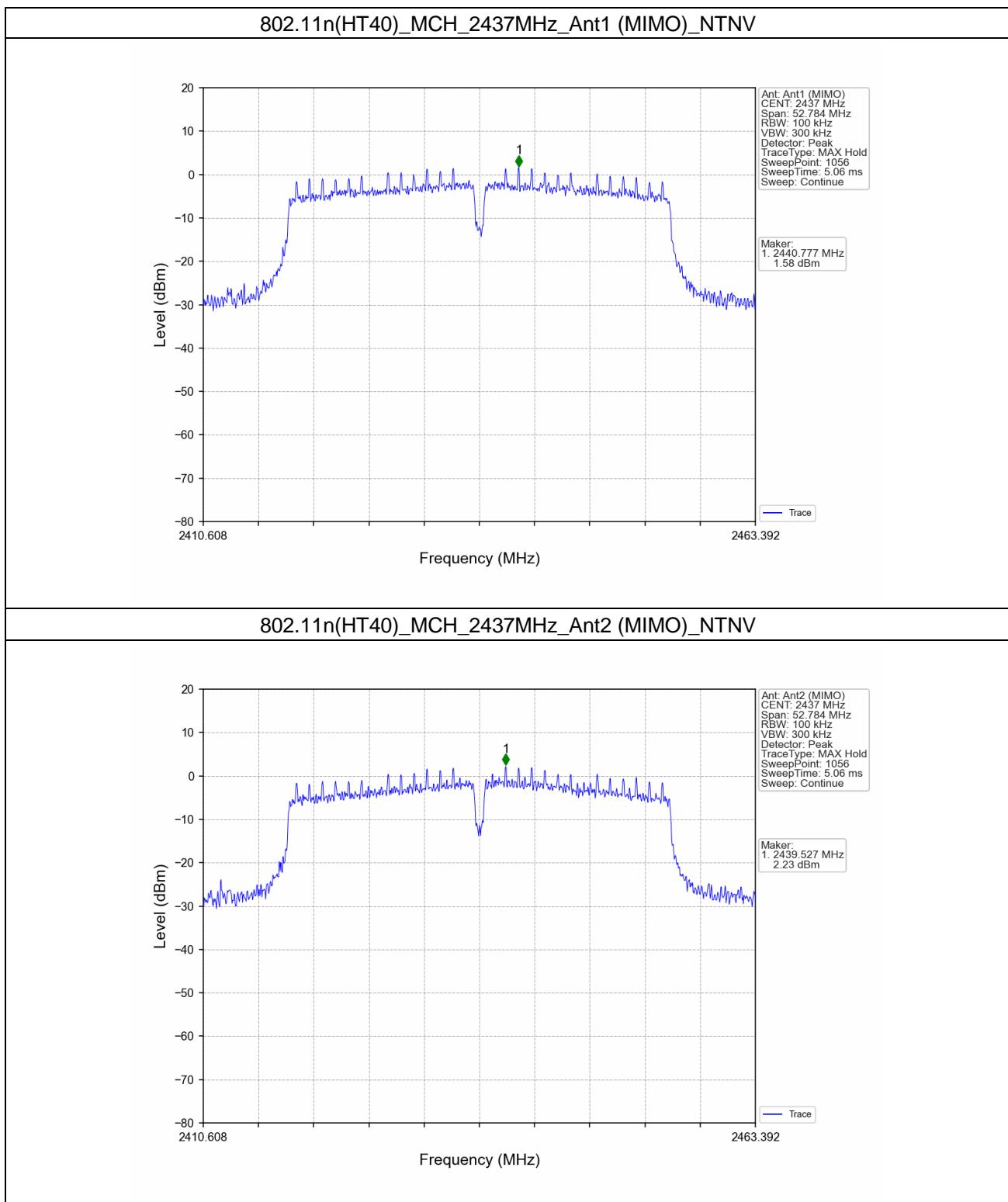
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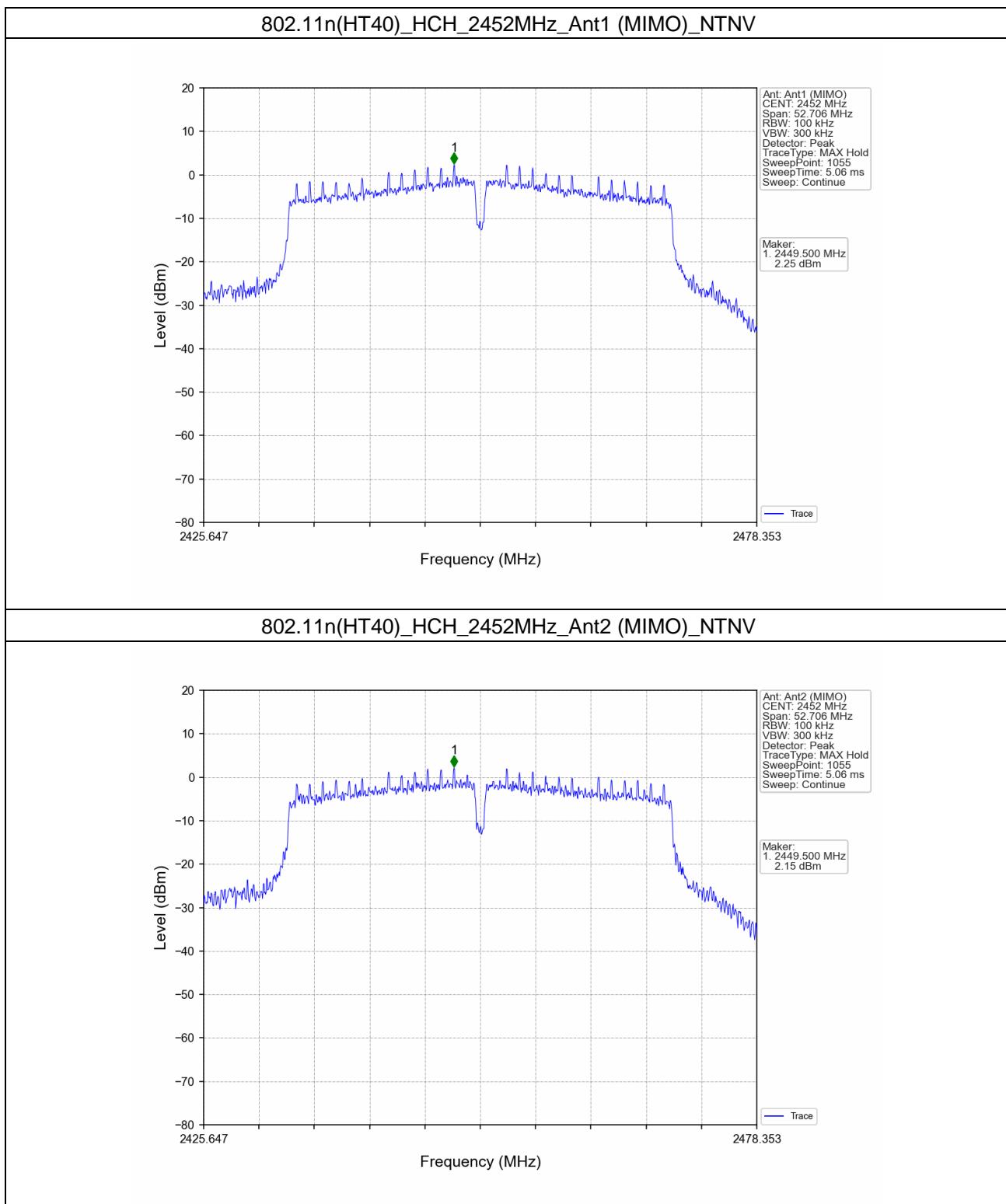
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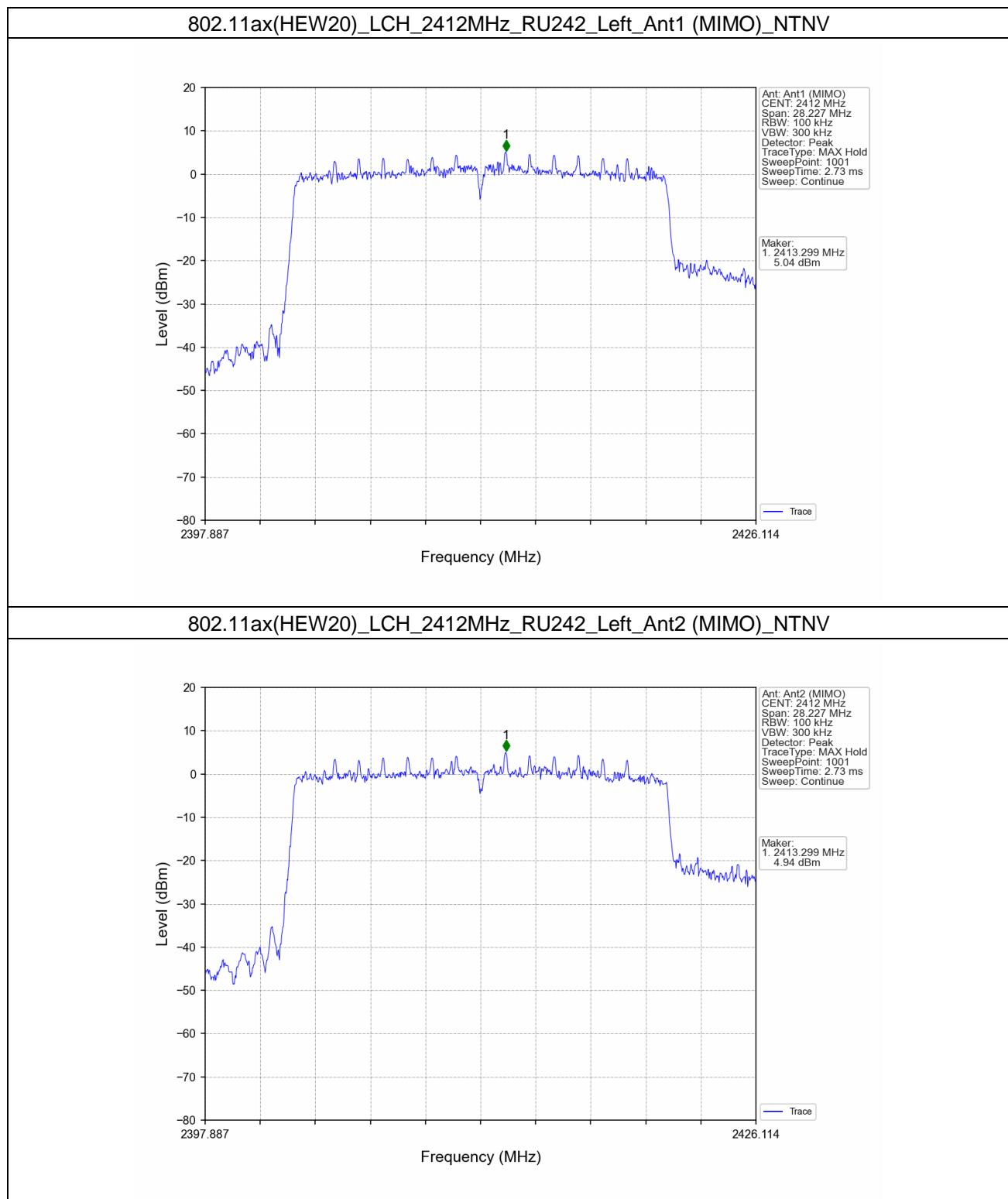
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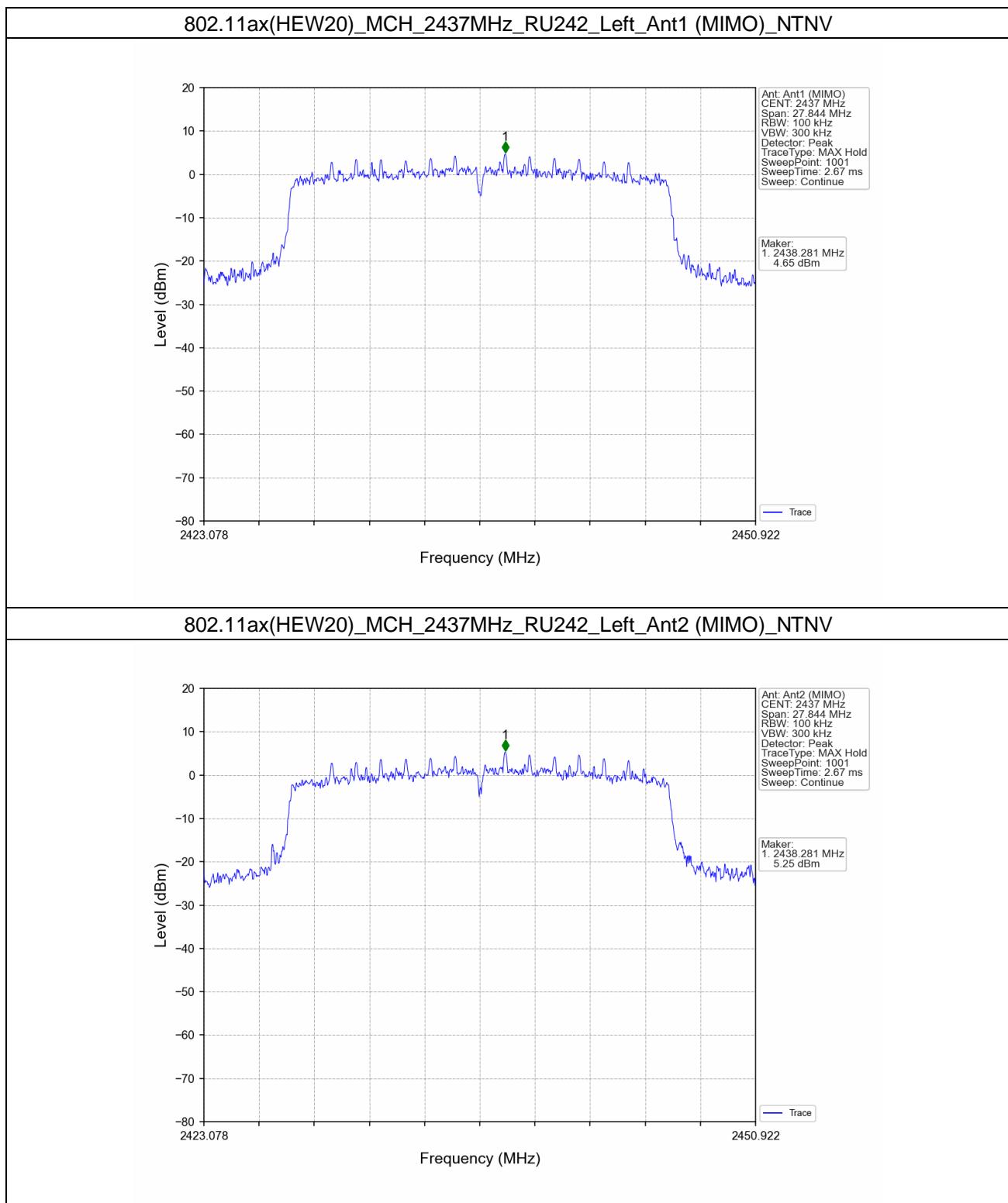
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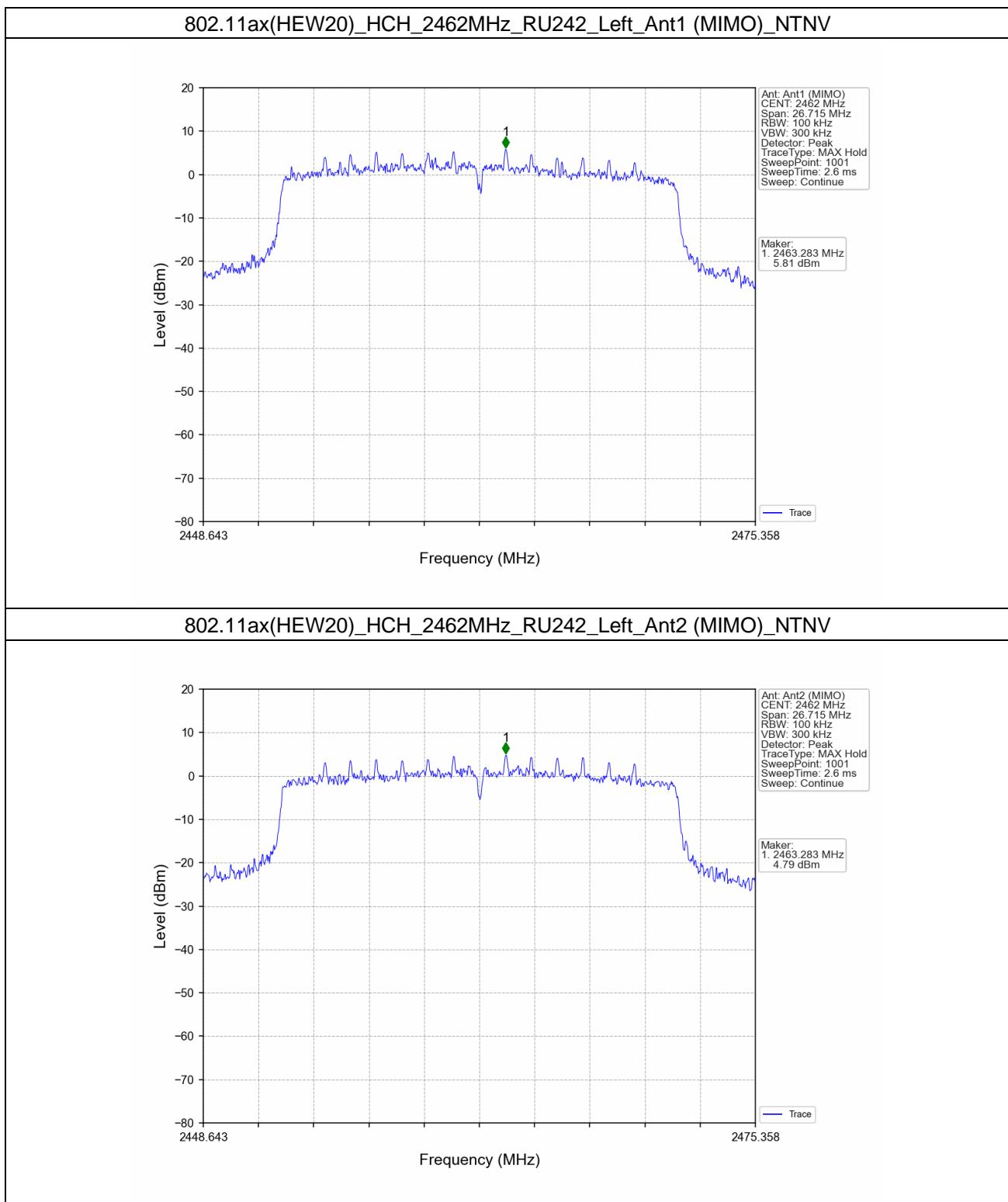
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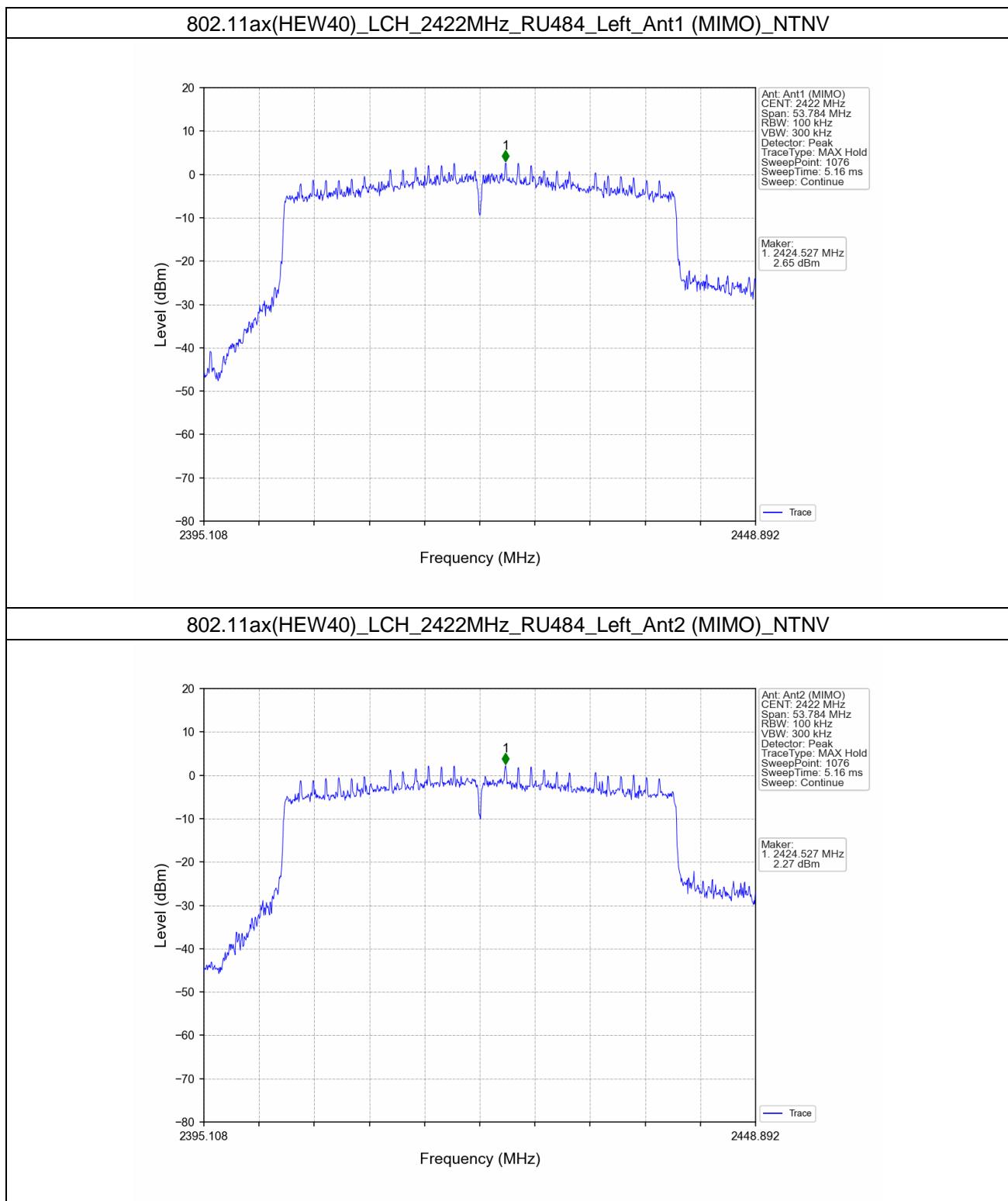
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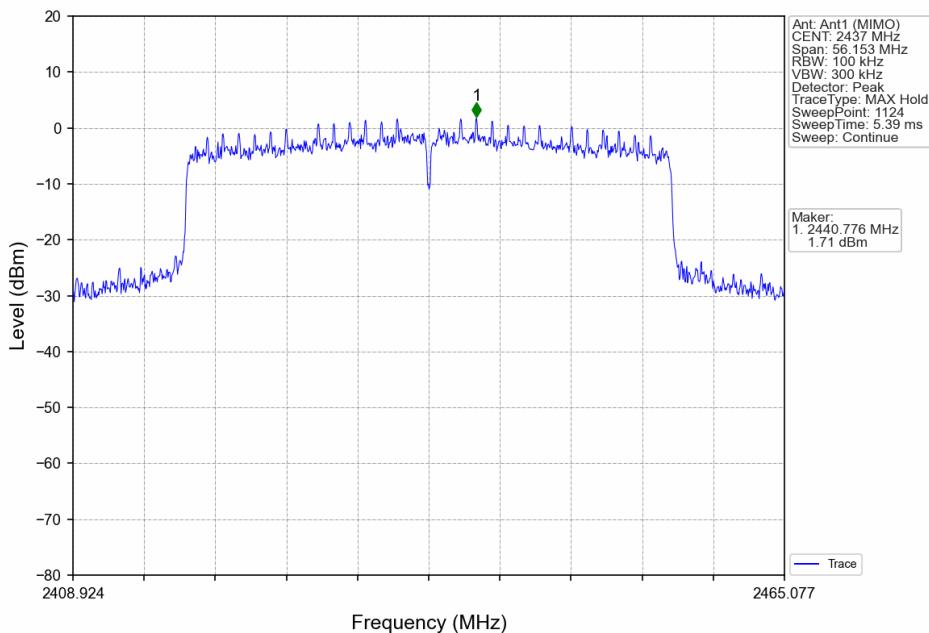
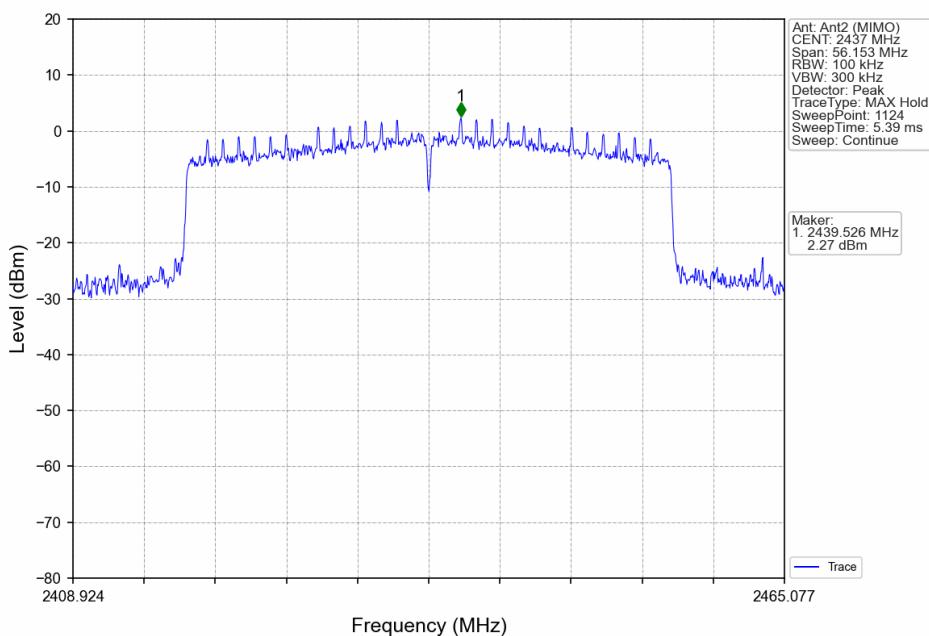
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**802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant1 (MIMO)\_NTNV****802.11ax(HEW40)\_MCH\_2437MHz\_RU484\_Left\_Ant2 (MIMO)\_NTNV**

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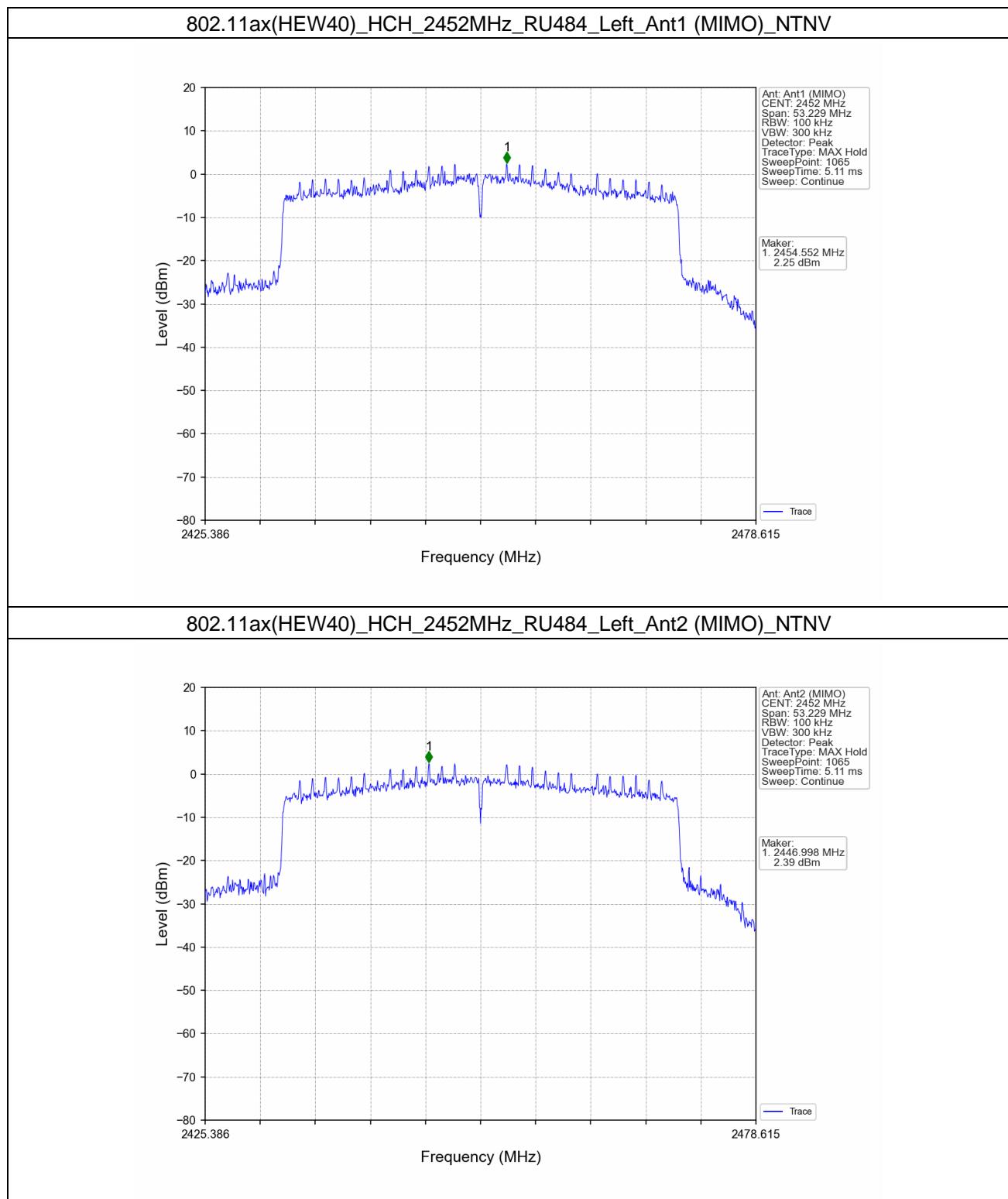
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## 5.2 CSE

### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	11.10	-18.90	Pass
					2	10.47	-19.53	Pass
		2437	/	/	1	11.10	-18.90	Pass
					2	10.47	-19.53	Pass
		2462	/	/	1	11.10	-18.90	Pass
					2	10.47	-19.53	Pass
802.11g	SISO	2412	/	/	1	6.38	-23.62	Pass
					2	6.12	-23.88	Pass
		2437	/	/	1	6.38	-23.62	Pass
					2	6.12	-23.88	Pass
		2462	/	/	1	6.38	-23.62	Pass
					2	6.12	-23.88	Pass
802.11n (HT20)	MIMO	2412	/	/	1	5.33	-24.67	Pass
					2	5.07	-24.93	Pass
		2437	/	/	1	5.33	-24.67	Pass
					2	5.07	-24.93	Pass
		2462	/	/	1	5.33	-24.67	Pass
					2	5.07	-24.93	Pass
802.11n (HT40)	MIMO	2422	/	/	1	2.33	-27.67	Pass
					2	2.25	-27.75	Pass
		2437	/	/	1	2.33	-27.67	Pass
					2	2.25	-27.75	Pass
		2452	/	/	1	2.33	-27.67	Pass
					2	2.25	-27.75	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	5.81	-24.19	Pass
					2	5.25	-24.75	Pass
		2437	RU242	Left	1	5.81	-24.19	Pass
					2	5.25	-24.75	Pass
		2462	RU242	Left	1	5.81	-24.19	Pass
					2	5.25	-24.75	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	2.65	-27.35	Pass
					2	2.39	-27.61	Pass
		2437	RU484	Left	1	2.65	-27.35	Pass

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SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230300078602

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					2	2.39	-27.61	Pass
	2452	RU484	Left	1	2.65	-27.35	Pass	
				2	2.39	-27.61	Pass	

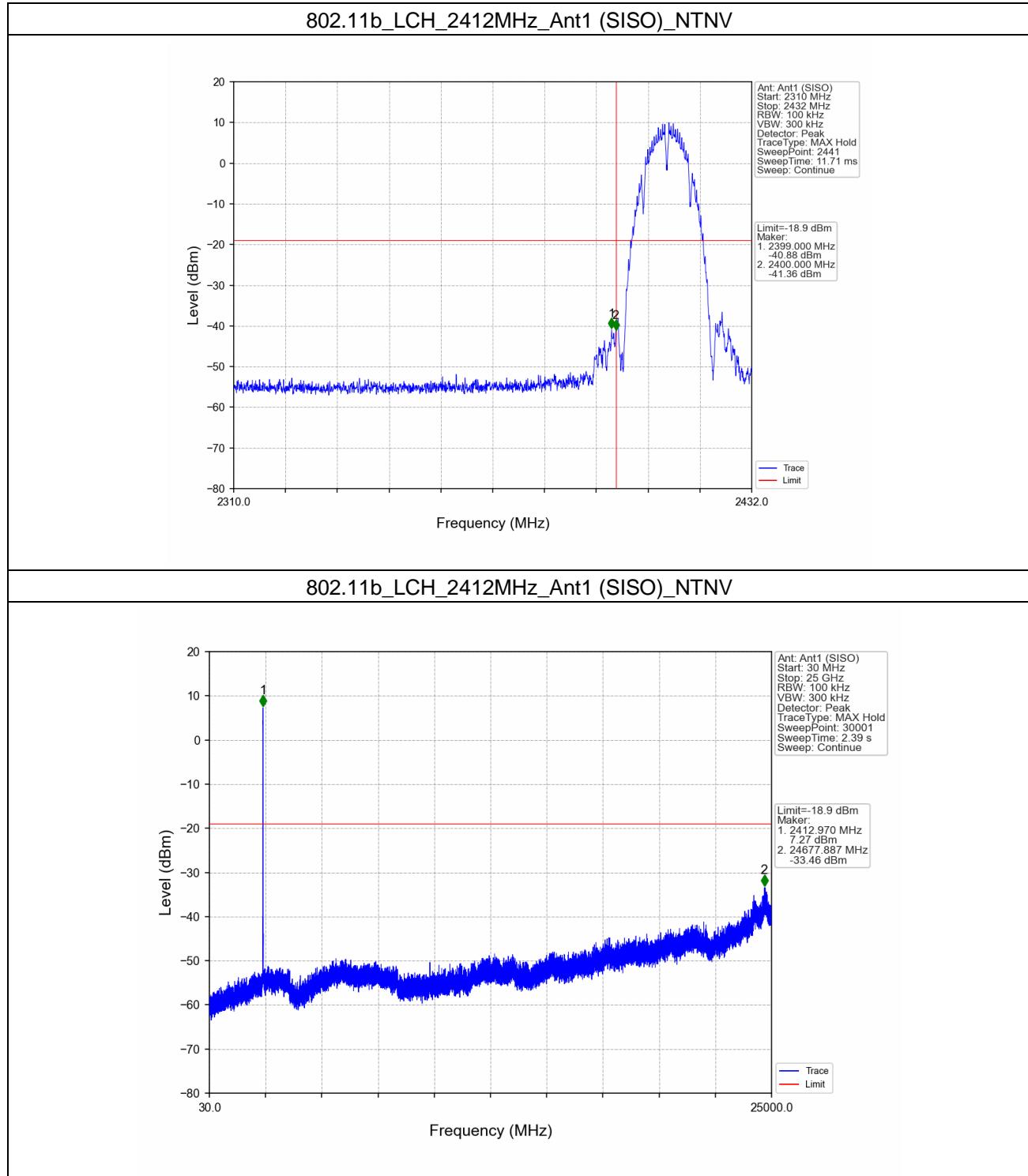


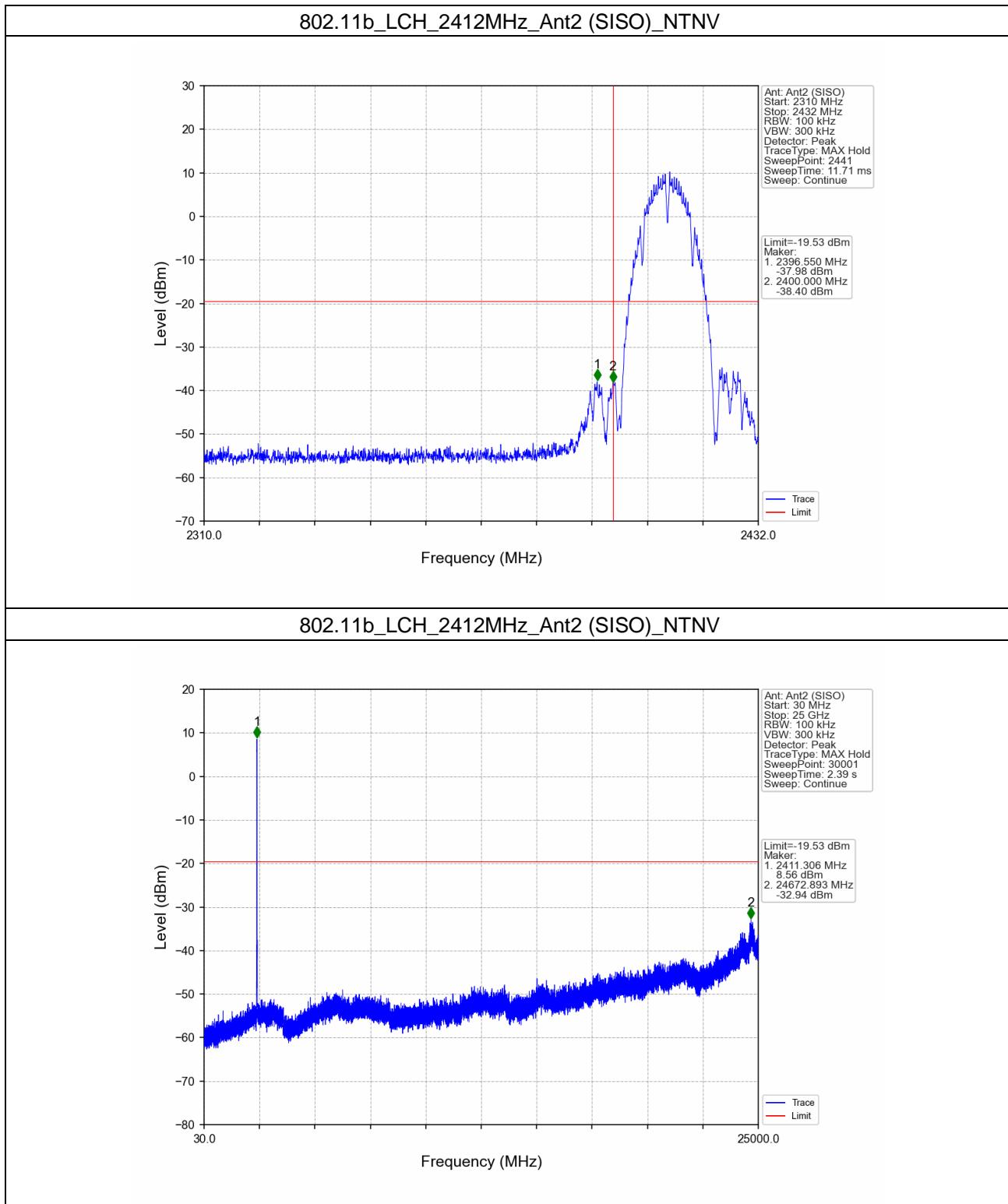
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**5.2.2 Test Graph**



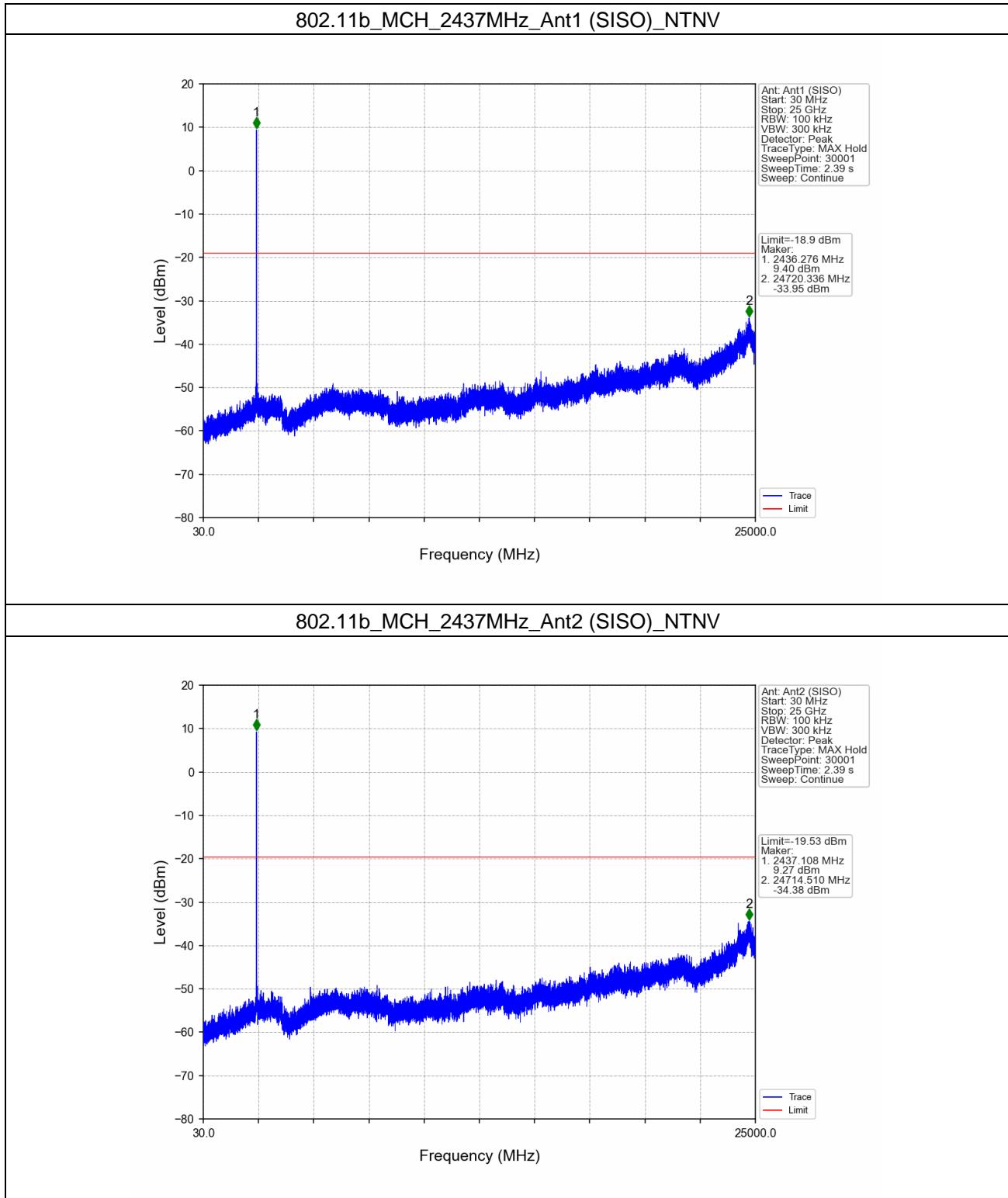
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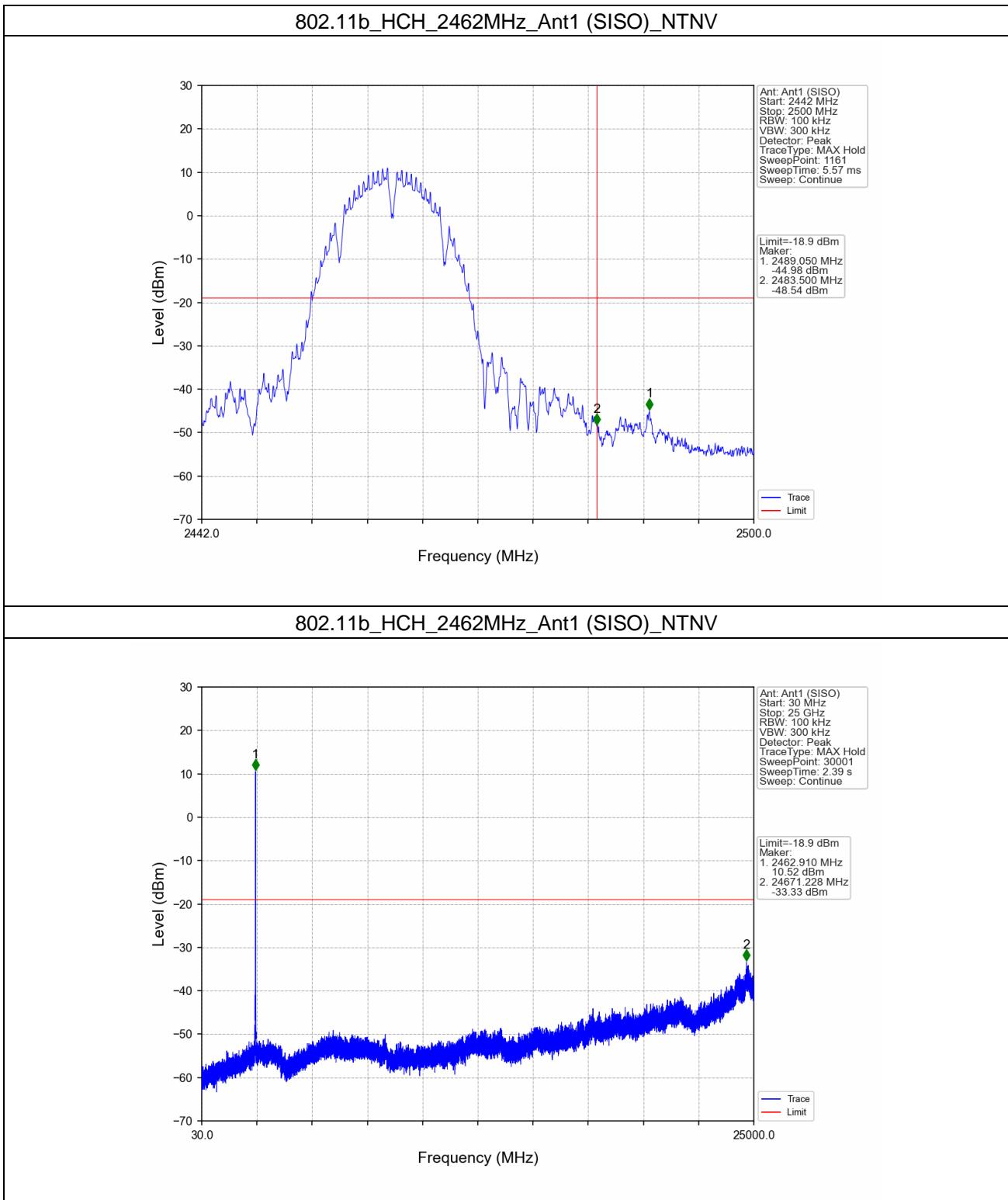
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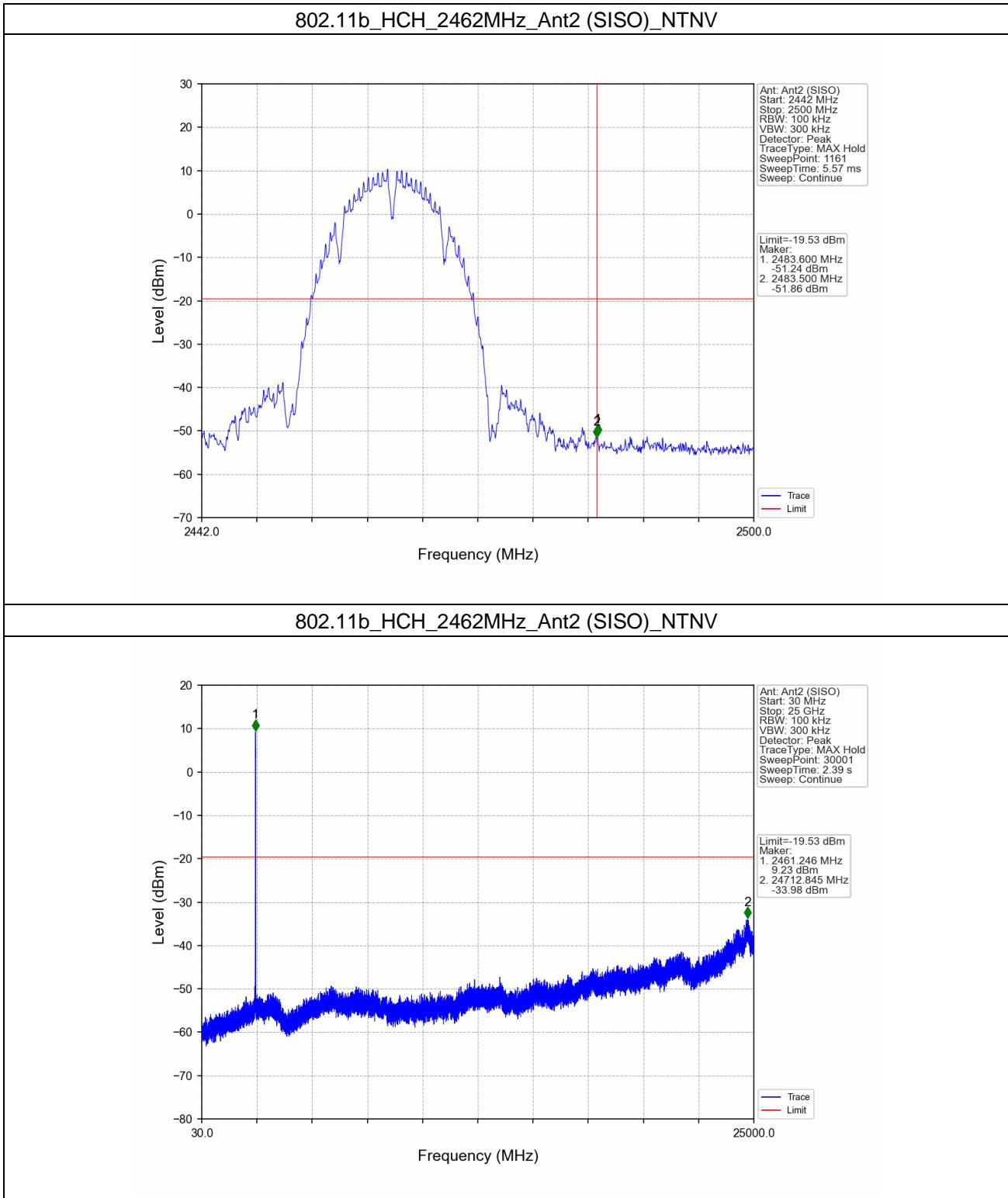
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